

**Volume**

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**R0483**

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BOOK A-483

## FIELD NOTES

OF THE ~~SURVEYOR GENERAL~~

RECEIVED

JAN 18 1927

District Cadastral Engineer,  
Salt Lake City, Utah

DEPENDENT

RESURVEY

OF THE

NORTH, SOUTH, AND EAST BOUNDARIES AND SUBDIVISION

OF

T. 13 S., R. 8 E.

Of the SALT LAKE BASE AND Meridian,the State of UTAH

EXECUTED BY

Howard W. Miller, U. S. Cadastral EngineerAndrew Nelson, U. S. Cadastral Engineer  
andRalph W. Hodge, U. S. Surveyorby the authority of ~~U. S. Surveyor~~, under instructions dated July 11, ~~1921~~ <sup>1923</sup>issued by the United States Surveyor General to govern surveys included in  
Group No. 123, which were approved by the Commissioner of the General Land  
Office, July 23, 1923, ~~1921~~ and Supplemental Assignment Instructions  
dated September 26, 1924 and May 10, 1925Survey commenced October 22, ~~1921~~ <sup>1924</sup>Survey completed October 19, ~~1921~~ <sup>1925</sup>

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# INDEX DIAGRAM.

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DEPENDENT RESURVEY T.13 S., R.8 E.

T. 13 S., R.8 E.

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7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
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31	32	33	34	35	36

Lines colored with black were resurveyed jointly by  
Howard W. Miller, U. S. cadastral engineer and Ralph  
W. Hodge, U. S. surveyor.

Lines colored with green were resurveyed by Howard W.  
Miller, U. S. cadastral engineer.

Lines colored with red were resurveyed by Ralph W. Hodge,  
U. S. surveyor.

Lines colored with blue were resurveyed jointly by  
Andrew Nelson, U. S. cadastral engineer and Ralph W.  
Hodge, U. S. surveyor.

## DEPENDENT RESURVEY OF T.13 S., R.8 E.

Chains

## DESCRIPTION AND TEST OF INSTRUMENTS

Supplemental special instructions, Group 123, Utah, dated July 11, 1923 and approved July 23, 1923, provide for a dependent resurvey of T.13 S., R. 8 E., S.L.B. and M., Utah. This resurvey is commenced October 22, 1924 and executed with Buff and Buff transit No.9978 used by Andrew Nelson, U. S. cadastral engineer, Buff and Buff transit No.16726, 1924 model, used by Howard W. Miller, U. S. cadastral engineer, and Young and Sons transit No.8531 used by Ralph W. Hodge, U. S. surveyor. Each instrument is equipt with a full vertical circle and Smith solar attachment; the horizontal limbs are placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and decl. arcs and verticle circle. All azimuth determinations are accomplished with the solar attachment, except the special observations upon Polaris upon which to test the solar apparatus as stated in the field notes. The Polaris observations were made with Buff and Buff transit No.16726.

The instruments were approved for use in this survey, conditional upon satisfactory field tests as stated in Supplemental Assignment Instructions dated Sept. 26, 1924, and May 10, 1925.

Buff and Buff transit No. 16726 was not in service on this group until July 26, 1925, and no test of this instrument appears prior to that date. For tests of Buff and Buff transit used by Andrew Nelson, U. S. cadastral engineer in 1924, and Young and Sons transit No. 8531 used by Ralph W. Hodge, U. S. surveyor prior to July 26, 1925, see resurvey of T.13 S., R.9 E., book "E" this group.

CHAINS

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, we proceed as follows:

July 22, 1925; At my camp which is situated near the center of sec. 21, T.13 S., R.8 E., approximate latitude  $39^{\circ}40'N.$ , longitude  $111^{\circ}04'W.$ , at 6h. 42m. 35s. p.m.l.m.t., we make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a tree about 3 miles northerly in the direction N-W to Polaris.

Watch time of observation . . . . .	7h.06m.45s.p.m.
Mean observed altitude of Polaris . .	$38^{\circ}38'15''$
Mean horizontal angle from tree	
to Polaris . . . . .	$7^{\circ}59'45''W.$
Azimuth of Polaris at observation . .	$0^{\circ}25'18''E.$
True bearing of tree . . . . .	$N.8^{\circ}25'03''E.$
Reduced latitude of station . . . . .	$39^{\circ}40'17''N.$

The watch with which time was recorded in the Polaris observation was made to agree with 105th.Meridian Standard Time; comparison being made with a Western Union Telegraph Clock at Helper, Utah, July 21, 1925.

July 22, 1925.

July 26: At 8h. a.m. apparent time, we set off  $39^{\circ}40'$  on the latitude arcs,  $19^{\circ}29'N.$ , on the declination arcs, and determine meridians with the solars of transits Nos. 16726 and 8531, and find that with each instrument the tree bears  $N.8^{\circ}25'E.$

At apparent noon, with the latitude arcs unchanged, we observe the sun on the meridian, the resulting reading of the declination arc of each instrument is  $19^{\circ}26'N.$ , which practically agrees with the computed declination of the sun.

At 4h.p.m. apparent time, with the latitude arcs unchanged, we set off  $19^{\circ}24'N.$ , on the declinations arcs

## DEPENDENT RESURVEY OF T.13 S., R.8 E.

## Chains

and determine meridians with the solars and find that with each instrument the tree bears N.8°25'E.

As all the solar observations during the usual hours of solar work practically agree with the true meridian we conclude that the adjustments of the instruments are satisfactory.

In the declination arc settings in the above tests and in all subsequent solar work during the progress of the resurvey, .80 of the tabulated refraction used in computing declinations is used, due to the altitude of the country which is approximately 6500 ft. above sea level.

Satisfactory adjustment of the solar apparatus was maintained during the progress of the resurvey, frequent tests being made on meridians determined by observations on Polaris.

For tests of transits Nos. 16726 and 8531 at the completion of this resurvey see book "D", Subdivision-of-Sections, T.13 S., R.8 E., this group. For final test of transit No. 9978 see resurvey of T.13 S., R.9 E., book "E", this group.

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MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel tapes 5 and 8 chs. in length, compared with a Lufkin standard steel tape 1 chain long and found correct. The measurements are made on the slopes, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

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METHOD AND ORDER OF PROCEDURE..

In order to conclusively identify the township exterior the south and east boundaries of T.13 S., R.8 E. were

**Chains**

retraced. All missing section and quarter-section corners were restored by single proportionate measurement on a line connecting the nearest extant identified original corners in either direction.

The north boundary of the township was resurveyed by R.E.L. Collier and Geo. C. Swan, U.S. transitmen, under Group 13, Utah, in 1911. Retracement, however, of the east 4 miles and west mile of this boundary under this group was found to be necessary in order to eliminate large closing errors in secs. 1, 2, 3, 4, and 6. All the corners visited were found in place and in some instances it was necessary to more fully perpetuate the corner monument, rebuild the corner accessories or secure new ones.

The west boundary of T.13 S., R.8 E. was resurveyed by Howard W. Miller, U.S. cadastral engineer, under Group 13, Utah, in 1914. All the corners are in place and the boundary is well defined. Snow slides destroyed the bearing tree in sec. 30 at the cor. of secs. 30 and 31; therefore, a new tree was marked, the record of which appears in the field notes of the resurvey of the line bet. secs. 30 and 31, T.13 S., R.8 E.

The limiting boundaries of the township having been fully identified or reestablished, the interior section lines were all retraced and the missing section corners restored by double proportionate measurement. All missing quarter-section corners were restored by single proportionate measurement on line connecting the adjoining section corners.

All extant original corner monuments on the township exteriors and in the subdivision of this township were reconstructed by placing the regulation iron post corner alongside the original corner monument.

In conjunction with and subsequent to the dependent resurvey of this township, a portion of the subdivision-



## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

## Chains

of-section lines in secs. 1, 2, 11, 12, 13, 14, 15, 20, 22, 23, and 24 were surveyed upon the application of the U. S. Bureau of Mines, authorization for same having issued in supplemental special instructions dated July 11, 1923. The establishment of the sixteenth-section corners on the lines bet. secs. 7 and 12 and bet. secs. 13 and 18 on the east boundary and bet. secs. 1 and 2, 1 and 12, 2 and 11, 10 and 11, 11 and 12, 12 and 13, 11 and 14, 15 and 16, 14 and 15, 13 and 14, 13 and 24, 14 and 23, 15 and 22, 17 and 20, 19 and 20, 22 and 23, and bet. secs. 23 and 24 in the subdivision is recorded in this book of notes; the complete record of the survey of the subdivision-of-section lines and order of procedure for same is recorded in book "D" of field notes, this group.

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

## Random lines.

From the original cor. of Tp. 13 S., Rs. 8 and 9 E. hereinafter described.

North, on retracement line bet. secs. 31 and 36.

40.17 Fall 19 lks. E. of the  $\frac{1}{2}$  sec. cor. hereinafter described. The bearing of this half mile therefore is N.0°16'W., and the distance is 40.17 chs.

From point 19 lks. E. of the  $\frac{1}{2}$  sec. cor., continue North.

8.25 Intersect the cor. of secs. 25, 30, 31 and 36 hereinafter described.

The bearing of this half mile therefore is N.0°16'E., and the distance is 40.08 chs.

From the cor. of secs. 25, 30, 31 and 36.

North, on retracement line bet. secs. 25 and 30.

8. . . . . DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

Chains	
40.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.00	No trace of the cor. of secs. 19, 24, 25 and 30 can be found; continue retracement line, North, bet. secs. 19 and 24
120.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
160.00	No trace of the cor. of secs. 13, 18, 19 and 24 can be found; continue retracement line, North, bet. secs. 13 and 18.
197.67	Fall 10.53 chs. E. of the original $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18 hereinafter described.  The bearing of the line bet. the cor. of secs. 25, 30, 31, and 36 and the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, therefore is N.3°03'W., and the proportionate distance for each half mile is 39.59 chs.  From the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18 North.
41.06	Fall 38 lks. W. of the cor. of secs. 7, 12, 13 and 18 hereinafter described.  The bearing of this half mile therefore is N.0°32'E., and the distance is 41.06 chs.  From the cor. of secs. 7, 12, 13 and 18. N.1°00'E., on retracement line bet. secs. 7 and 12.
40.37	Fall 12 lks. W. of the $\frac{1}{4}$ sec. cor. hereinafter described.  The bearing of this half mile therefore is N.1°10'E., and the distance is 40.37 chs.  From point 12 lks. W. of the $\frac{1}{4}$ sec. cor., continue N.1°00'E., with continuous measurement.
80.42	Intersect the cor. of secs. 1, 6, 7 and 12 hereinafter described.  The bearing of this half mile therefore is N.0°50'E., and the distance is 40.05 chs.  From the cor. of secs. 1, 6, 7, and 12. N.4°14'E., on retracement line bet. secs. 1 and 6.
40.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.42	Intersect the cor. of Tps. 12 and 13 S., Rs. 8 and 9 E.

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 13 S., R. 8 E.

Chains

enlarged

hereinafter described.

The bearing of this line therefore is N. 4° 14' E., and the proportionate distance for each half mile is 40.21 chs.

REESTABLISHMENT OF THE SURVEYS EXECUTED  
BY AUGUSTUS D. FERRON, U.S. DEPUTY  
SURVEYOR IN 1880 AND 1890.

## True lines

The original cor. of Tps. 13 and 14 S., Rs. 8 and 9 E. is a sandstone, 16x14x3 ins. above ground, firmly set, and marked with 6 notches on N., S., E., and W. edges. No accessories to cor.:  
Alongside original cor.,  
Set an iron post, 3 ft. long, 3 ins. in dia., 27 ins. in the ground for cor. of T. 13 S., Rs. 8 and 9 E. only, with brass cap marked

T13S	
R8E	R9E
S36	S31

S1  
T14SR8E  
1925

from which

A cedar, 6 ins. diam., bears N. 3° E., 143 lks. dist., marked T 13 S R 9 E S 31 B T

A pinon, 12 ins. diam., bears N. 42½° W., 267 lks. dist., marked T 13 S R 8 E S 36 B T

Thence

N. 0° 16' W., on true line bet. secs. 31 and 36.

Gradually descend over broken bench land through scrub timber and short undergrowth.

- 12.00 Old road, bears NW. and SE.; leave timber, bears E. and W.
- 16.00 Low rise, bears NW. and SE.
- 17.08 From this point a shack, constructed of railroad ties, bears N. 31° 05' E.
- 36.10 National Coal Railroad, now under construction, bears E. and W.

Chains

38.60 County road, bears E. to Price and Helper, Utah and  
W. to Coal City, Utah.

39.00 The SE. cor. of cultivated land bearing N. and W.

40.17 The original  $\frac{1}{4}$  sec. cor. bet. secs. 31 and 36, which  
is a sandstone, 12x8x8 ins., firmly set in the ground  
and mound of stone, marked  $\frac{1}{4}$  on W. face; no accessories  
to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S36 | S31  
1925

Deposit about 1 quart of glass at base of cor. monument;  
other accessories impracticable.

From the  $\frac{1}{4}$  sec. cor., the tie shack noted at 17.08 chs.,  
bears N.54°30'E.

Thence

N.0°16'E., with continuous measurement.

45.85 Wash, 20 lks. wide, 10 ft. deep, drains SE.; also NE.  
cor. of cultivated land bearing S. and W.

57.90 Wash, 50 lks. wide, 10 ft. deep, drains S.30°E.

63.50 Enter medium growth of scrub timber, bears E. and W.

72.00 Low, broad ridge, 15 ft. above  $\frac{1}{4}$  sec. cor., bears NW.  
and SE.; gradually descend.

76.70 From this point a frame shack, bears N.54°E.; descend  
general NE. slope.

80.25 The original cor. of secs. 25,30,31 and 36, which is  
a sandstone, 15x9x6 ins., firmly set in the ground  
and a deeply embedded old mound of stone, marked  
with 1 notch on S. and 5 notches on N. edge;

from which

A pinon, 12 ins.diam., bears S.2 $\frac{3}{4}$ °W., 62 lks.

dist., marked T 13 S R 8 E S 36 B T

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

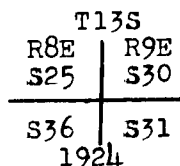
## Chains

A pinon, 5 ins. diam., bears S.42°W., 62 lks.

dist., marked T 13 S R 8 E S 36 B T

alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 25, 30, 31 and 36, with brass cap marked



from which (new bearing trees)

A pinon, 6 ins. diam., bears N.61°E., 56 lks.

dist., marked T 13 S R 9 E S 30 B T

A pinon, 10 ins. diam., bears S.23°E., 62 lks.

dist., marked T 13 S R 9 E S 31 B T

A cedar, 5 ins. diam., bears N.46°W., 105 lks.

dist., marked T 13 S R 8 E S 25 B T

Land, rolling and broken bench; general SE. exposure and drainage.

Soil, brown clay loam streaked with rock of sandstone formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

N.3° 03'W., on true line bet. secs. 25 and 30.

Gradually descend over rolling bench land through scattering timber and short undergrowth.

8.20 Wash, 1 ch. wide, 30 ft. deep, 70 ft. below sec. cor., drains E.; ascend.

12.30 Low spur, projects E.; leave timber, bears E. and W.; thence over open sagebrush bench land sloping S.

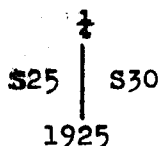
17.00 Wash, 20 lks. wide, 10 ft. deep, drains SE.; begin more gradual ascent.

38.00 Enter dense scrub timber, bears E. and W.

39.59 Proportionate point.

Chains

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A cedar, 10 ins. diam., bears S.  $70\frac{3}{4}^{\circ}$  E., 19 lks.

dist., marked  $\frac{1}{4}$  S. 30 B T

A cedar, 14 ins. diam., bears S.  $60\frac{3}{4}^{\circ}$  W., 11 lks.

dist., marked  $\frac{1}{4}$  S. 25 B T

41.00 Low rise, bears E. and W.; thence over broken bench land across numerous unimportant spurs and draws; general S. exposure and SE. drainage.

79.18 Proportionate point.

Point for cor. of secs. 19, 24, 25, and 30 falls on steep shale and blue clay bluff where cor. cannot be perpetuated; witness cor. established N.  $3^{\circ}03'$  W., 25 lks. distant; see line bet. secs. 19 and 24.

Land, rolling and rough, broken bench; general S. exposure and SE. drainage.

Soil, brown clay loam, gravelly, blue clay and shale; 1st. to 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

From the true cor. point for cor. of secs. 19, 24, 25 and 30.

N.  $3^{\circ}03'$  W., on true line bet. secs. 19 and 24.

Ascend abruptly over bluff and S. break of small bench through scrub timber and short undergrowth.

.25 Top of S. edge of bluff and brink of bench, bears N.  $70^{\circ}$  W. and nearly E.

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for witness cor. to the cor. of secs. 19, 24, 25, and 30, with brass cap marked

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 13 S., R. 8 E.

Chains

T13S	
R8E	R9E
S24	S19
S25	S30
WC	
1925	

from which

A pinon, 10 ins.diam., bears N.  $7\frac{1}{4}^{\circ}$  E., 48 lks.

dist., marked W C T 13 S R 9 E S 19 B T

A cedar, 16 ins.diam., bears S.  $52\frac{1}{4}^{\circ}$  E., 47 lks.

dist., marked W C T 13 S R 9 E S 30 B T

A pinon, 4 ins.diam., bears S.  $78\frac{1}{4}^{\circ}$  W., 67 lks.

dist., marked W C B T

A pinon, 10 ins.diam., bears N.  $56^{\circ}$  W., 29 lks.

dist., marked W C T 13 S R 8 E S 24 B T

Thence over small bench.

5.10 Brink of bench, bears E. and W.; descend abruptly.

7.50 Bottom of Wildcat Canyon and small stream of alkali water, 90. ft. below bench, course E.; ascend precipitous general S. slope of break of mountain through medium growth of timber and over sandstone ledges and boulders.

39.59 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	
S24	S19
1925	

from which

A sandstone boulder, 10x5x4 ft., marked X B O S19 bears N.  $10^{\circ}$  E., 17 lks. distant.

A pinon, 6 ins.diam., bears N.  $50^{\circ}$  W., 19 lks.dist., marked  $\frac{1}{4}$  S 24 B T

Cor. stands on precipitous S. slope, 600 ft. above

Wildcat Canyon.

40.50 Spur, projects S.  $10^{\circ}$  W.; NE. about  $1\frac{1}{2}$  mls. distant is a

# DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

Chains

high sandstone ledge point bearing NE. and N.; thence along rugged W. face of mountain.

78.00 Draw, drains S.20°W.; ascend abruptly over E. and SE. slopes.

79.18 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 13, 18, 19 and 24, with brass cap marked

T13S	
R8E	R9E
S13	S18
S24	S19
1925	

from which

A spruce, 8 ins.diam., bears N.30 $\frac{1}{2}$ °E., 50 lks.  
dist., marked T 13 S R 9 E S 18 B T

A spruce, 10 ins.diam., bears S.61 $\frac{3}{4}$ °E., 79 lks.  
dist., marked T 13 S R 9 E S 19 B T

A spruce, 8 ins.diam., bears S.11 $\frac{1}{4}$ °W., 34 lks.  
dist., marked T 13 S R 8 E S 24 B T

A pinon, 8 ins.diam., bears N.22 $\frac{1}{2}$ °W., 19 lks.  
dist., marked T 13 S R 8 E S 13 B T

Land, rough, rugged mountains; general S. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone formation; 4th. rate.

Timber, cedar and pinon with scattering spruce on N. portion of mile.

Undergrowth, scattering sagebrush, shadscale and service-berry brush.

N.3° 03'W., on true line bet. secs. 13 and 18.

Ascend abruptly SE. and S. slopes over rough, rugged mountainous land through dense timber and undergrowth.

6.00 Leave timber and dense undergrowth, bears NW. and E.



## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

## Chains

- 16.50 Top of high ridge and summit of mountain, (divide bet. Spring Canyon and Castle Valley) 550 ft. above sec. cor., bears E. and W.; descend over N. slope.
- 19.79½ Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for south sixteenth-section cor. bet. secs. 13 and 18, with brass cap marked

S 1/16  
 S13 | S18  
 1925

- Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 29.00 Swale, drains NE.; thence along general E. slope.
- 39.59 The original ¼ sec. cor. bet. secs. 13 and 18, which is a sandstone, 14x10x5 ins., above ground, firmly set, marked ¼ on W. face, and witnessed by an old deeply embedded mound of stone SW. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with brass cap marked

¼  
 S13 | S18  
 1925

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Cor. stands on E. slope in edge of scattering undergrowth 400 ft. below summit of mountain.

From this cor., a sandstone, 30x6x4 ins. marked with 3 notches on N., 3 notches on E. edge, and WC on W. face, bears S. 30° 06' E., 27.11 chs. distant. This Monument cannot be identified as a corner belonging to the official survey systems in T.13 S., Rs. 8 or 9 E.; no description of the same is recorded in the official records, therefore, I deface the marks on the monument and leave same standing.

Thence

N. 0° 32' E., with continuous measurement.

Chains

Descend along general E. slope through oak and maple undergrowth.

53.00 Spur, 75 ft. below  $\frac{1}{4}$  sec. cor., projects NE.; leave undergrowth and descend abruptly over grassy N. slope.

65.50 Canyon, 320 ft. below spur, drains N. 70° E.; scattering spruce timber in bottom of canyon; ascend abruptly.

79.00 High ridge, 465 ft. above canyon, bears N. 60° E. and S. 60° W.; descend N. slope 40 ft. to

80.65 The cor. of secs. 7, 12, 13 and 18, which is a sandstone, 8x9x6 ins. above ground, firmly set, marked with 2 grooves on N., and 4 grooves on S. face with a cross chiseled in top of stone and witnessed by a small mound of stone, W. of cor.

alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 7, 12, 13 and 18, with brass cap marked

T13S	
R8E	R9E
S12	S7
S13	S18
1924	

from which

A spruce, 6 ins. diam., bears N. 11 $\frac{1}{4}$ ° W., 223 lks. dist., marked T 13 S R 8 E S 12 B T

No other trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Land, rough mountainous; general S. exposure and drainage on S. 16.50 chs. and NE. exposure and drainage on remainder of mile.

Soil, brown clay loam and rocky of sandstone formation; 2nd. and 3rd. rates.

Timber, cedar, pinon and spruce.

Undergrowth, sage, service berry, oak and maple brush.

Considerable mountain grass good for grazing.

N. 1° 10' E., on true line bet. secs. 7 and 12.

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

## Chains

Descend abruptly over mountainous land through scattering undergrowth.

6.70 Draw, 200 ft. below sec. cor., drains NW.; thence along general W. slope.

20.00 Spur, 250 ft. below draw, projects N.30°W.

20.18½ Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for south sixteenth-section cor. bet. secs. 7 and 12, with brass cap marked

S 1/16  
S12 | S7  
1925

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

20.75 Begin steep descent over NE. slope and enter dense oak brush, bears NW. and SE.

23.80 Leave dense undergrowth and enter large spruce timber, bears NW. and SE.

30.30 Draw, 375 ft. below spur, drains NW.; a water tank bears NW. about 1.50 chs. distant.; leave timber, bears NW. and SE., thence along W. slope.

33.10 Spur, projects W.; a tile house, bears S.86°15'W. about 2½ chs. distant.

35.25 Power line bears E. to Little Standard Coal Mine.

36.25 Road, bears E. and W. and enter bottom of fork of Spring Canyon; a group of small frame shacks extend E. and W. along S. side of bottom of canyon.

36.86 The west end of the D. & R. G. Ry. tracks or switch for Mutual Coal Mines; tracks extend easterly in bottom of Canyon.

37.20 Main bottom of Fork of Spring Canyon, 105 ft. below spur, drains E.; ascend abruptly S. slope through dense undergrowth.

40.37 To point marked ½ on a sandstone outcropping facing SW., said point being recognized by the Mutual, Liberty and Carbon Fuel Cos. as being the site of the original ½ sec. cor. bet. secs. 7 and 12.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in

Chains

a large mound of stone over the  $\frac{1}{4}$  marked on outcropping  
for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S12 | S7  
1924

Raise a large mound of stone, 4 ft. base, 3 ft. high, W.  
of cor.

From  $\frac{1}{4}$  sec. cor., tile house, bears S.  $13^{\circ}50'$  W.; tippie  
at Mutual Coal Mines, bears S.  $85\frac{1}{2}^{\circ}$  E., about 12 chs.  
distant; junction of forks of Spring Canyon, bears  
N.  $87^{\circ}$  E., about 10 chs. distant.

Thence

N.  $0^{\circ}50'$  E., with continuous measurement.

Continue abrupt ascent over S. slope.

47.24 From this point, entry to Little Standard Coal Mine,  
bears S.  $40^{\circ}$  E.; chimney on store at Mutual, Utah,  
bears S.  $73^{\circ}30'$  E.

50.34 Machine shops at Mutual Coal Mines, bears N.  $21^{\circ}31'$  W.;  
entry to Mutual No. 3 Coal Mine, bears N.  $0^{\circ}03'$  W.

50.50 Spur, 430 ft. above canyon, projects E.; descend over  
N. and NE. slopes.

58.00 Bottom of Burnt Tree Fork of Spring Canyon, 390 ft. below  
spur, drains SE.; numerous houses of Mutual Coal Co.  
extend NW. and SE. along bottom of Canyon. Ascend.

60.00 Canyon road, bears NW. and SE.

60.25 High tension power line, bears NW. and SE.

62.60 Tramway( standard gauge track) from entry of Mutual No. 2  
Coal Mine to tippie, bears NW. and SE.

63.00 Tramway( standard gauge track) from entry of Mutual No. 3  
Coal Mine to tippie, bears NW. and SE.

63.67 Power line, bears NW. and SE.; begin precipitous ascent  
over SW. slope.

63.95 Entry to Mutual No. 3 Coal Mine, bears W. about 40 lks.  
distant.

65.80 Top of sandstone ledge, 50 ft. high, bears NW. and SE.

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.12 S., R.2 E.

## Chains

65.94

From this point entry to Little Standard Coal Mine, bears S.20°40'E.; Machine shops at Mutual Coal Mines, bears N.72°10'W.

73.73

From this point, entry to Mutual No.2 Coal Mine, bears S.42°09'W.; large water tank, bears S.77½°W.; chimney on store at Mutual, Utah, bears S.17°25'E.

80.42

The original cor. of secs. 1,6,7, and 12, which is a sandstone boulder in place, 3x1x1 ft. showing, marked with a cross on top, with 5 grooves S. and 1 groove N. of cross, and witnessed by a scattered mound of stone, W. of cor.

Along S. side of original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 1,6,7, and 12, with brass cap marked

T13S	
R8E	R9E
S1	S6
<hr/>	
S12	S7
1924	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Cor. stands on steep SW. slope, 435 ft. above canyon.

Land, rough mountainous.

Soil, mountain loam and rocky of sandstone formation;

2nd. and 4th. rates.

Timber, cedar, pinon, spruce and aspen thickets.

Undergrowth, oak, sage, service berry, maple, mahogany, and buck brush.

N.4°14'E., on true line bet. secs. 1 and 6.

Ascend abruptly SW. slope of ridge over rough mountainous land, through scattering undergrowth.

6.08

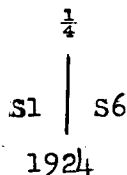
From this point, entry Mutual No.2 Coal Mine, bears S.22°27'W.; entry Mutual No.1 Coal Mine, bears S.43°30'W. about 24 chs. distant; large water tank, bears S.46°15'W.; forks of canyon, bears N.68½°E. about 25 chs. distant.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.8 E.

Chains

- 6.15 Ridge, 205 ft. above sec. cor., bears NW. and SE.;  
descend abruptly N. and NE. slopes.
- 27.50 Canyon, 500 ft. below ridge, drains SE.; ascend SW. slope.
- 36.40 Spur, 300 ft. above canyon, projects SW.; thence along  
W. slope.

- 40.21 Proportionate point.
- Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in  
the ground on solid rock and 20 ins. in a mound of  
stone for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

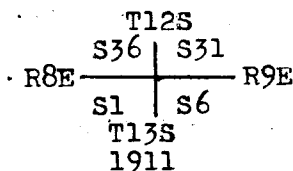
A pine, 14 ins.diam., bears N.66°W., 129 lks.

dist., marked  $\frac{1}{4}$  S 1 B T

No other trees available.

- .. Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 40.75 Draw, drains SW.; thence ascend rugged SW. and W. slopes  
of mountain over broken ledges through medium growth  
of timber.

- 80.42 The original cor. of Tps. 12 and 13 S., Rs. 8 and 9 E.  
as reconstructed by R.E.L. Collier and Geo. C. Swan,  
U. S. transitmen in 1911, which is an iron post,  
3 ins. in dia., extending 12 ins. above ground, firmly  
set, with brass cap marked



from which

A pine, 16 ins.diam., bears S.1°E., 4 lks.

dist., marked T 13 S R 9 E S 6 B T

A cedar, 8 ins.diam., bears N.65°E., 29 lks.

dist., marked T 12 S R 9 E S 31 B T

A cedar, 12 ins.diam., bears N.42°W., 30 lks.

dist., marked T 12 SR 8 E S 36 B T

## DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T. 13 S., R. 8 E.

Chains

and witnessed by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor..

Land, rough, rugged mountains; general S. exposure and drainage.

Soil, mountain loam and rocky of sandstone and limestone formation; 2nd. and 4th. rates.

Timber, cedar, pinon and scattering spruce.

Undergrowth, sage, oak, service berry brush and mahogany.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF  
T. 13 S., R. 8 E.

Random lines.

I begin at the reconstructed original cor. of T. 13 S.,  
Rs. 8 and 9 E. heretofore described.

Thence

West, on retracement line bet. secs. 1 and 36.

39.98 Fall 41 $\frac{1}{2}$  lks. N. of the original  $\frac{1}{4}$  sec. cor. hereinafter  
described.

The bearing of this half mile therefore is S.89°24'W.,  
and the distance is 39.98 chs.

From the  $\frac{1}{4}$  sec. cor.,

West, counting distances from the  $\frac{1}{4}$  sec. cor.

40.00 No trace of the cor. of secs. 35 and 36 can be found.  
Continue retracement line

West, with continuous measurement.

79.53 Fall 153 lks. N. of the original  $\frac{1}{4}$  sec. cor. bet. secs. 2  
and 35 hereinafter described.

The bearing of the line bet. the  $\frac{1}{4}$  sec. cor. S. bdy. sec.  
36 and the  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 35 therefore  
is S.88°54'W., and the proportionate distance for

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

Chains

each half mile is 39.77 chs.

From the  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 35.

West.

40.64 Fall 186 lks. S. of the original cor. of secs. 2, 3, 34, and 35 hereinafter described.

The bearing of this half mile therefore is N.87°23'W., and the distance is 40.68 chs.

From the original cor. of secs. 2, 3, 34, and 35.

West, on retracement line bet. secs. 3 and 34.

40.58 Fall 12 lks. N. of the original  $\frac{1}{4}$  sec. cor. hereinafter described.

The bearing of this half mile therefore is S.89°50'W., and the distance is 40.58 chs.

From the  $\frac{1}{4}$  sec. cor.

West.

40.48 Fall 15 lks. N. of the original cor. of secs. 3, 4, 33, and 34 hereinafter described.

The bearing of this half mile therefore is S.89°47'W., and the distance is 40.48 chs.

From the original cor. of secs. 3, 4, 33 and 34.

West, on retracement line bet. secs. 4 and 33.

40.55 Fall 29 lks. N. of the original  $\frac{1}{4}$  sec. cor., hereinafter described.

The bearing of this half mile therefore is S.89°35'W., and the distance is 40.55 chs.

From the  $\frac{1}{4}$  sec. cor.,

West.

40.07 Fall 16 lks. S. of the original cor. of secs. 4, 5, 32, and 33 hereinafter described.

The bearing of this half mile therefore is N.89°46'W., and the distance is 40.07 chs.

From the original cor. of secs. 4, 5, 32, and 33.

West, on retracement line bet. secs. 5 and 32.

40.43 Fall 69 lks. S. of the original  $\frac{1}{4}$  sec. cor. hereinafter described.



DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

chains

aligned

The bearing of this half mile therefore is N.89°01'W.,  
and the distance is 40.44 chs.

From the  $\frac{1}{2}$  sec. cor.,

West.

40.96 Fall 45 lks. N. of the original cor. of secs. 5,6,31,  
and 32 hereinafter described.

The bearing of this half mile therefore is S.89°22'W.,  
and the distance is 40.96 chs.

From the original cor. of secs. 5,6,31, and 32.

West, on retracement line bet. secs. 6 and 31.

40.33 Fall 12 lks. S. of the original  $\frac{1}{2}$  sec. cor. hereinafter  
described.

The bearing of this half mile therefore is N.89°50'W.,  
and the distance is 40.33 chs.

From the  $\frac{1}{2}$  sec. cor.,

West.

39.78 Fall 9 lks. S. of the reconstructed original cor. of  
Tps. 13 and 14 S., R.8 E. hereinafter described.

The bearing of this half mile therefore is N.89°52'W.,  
and the distance is 39.78 chs.

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REESTABLISHMENT OF THE SURVEY OF THE  
SOUTH BOUNDARY OF T.13 S., R.8 E., EXECUTED  
BY AUGUSTUS D. FERRON, U. S. DEPUTY SURVEYOR  
IN 1891

True lines.

From the reconstructed original cor. of T.13 S., Rs.  
8 and 9 E. heretofore described.

S.89°24'W., on true line bet. secs. 1 and 36.

Over rolling and broken ground through medium growth

## DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

## Chains

of scrub timber and short undergrowth.

- 11.60 Draw, 65 ft. below Tp. cor., drains SE.; gradually ascend along S. slope of low ridge.
- 18.20 Low ridge, 45 ft. above draw, bears N. and S.; gradually descend W. slope.
- 38.80 Top of shale ledge, bears N. and S.; descend.
- 39.50 Old road, bears N. and S.
- 39.98 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 10x10x5 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face, and witnessed by a small mound of stone N. of cor. Alongside original cor., Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor. S. bdy. sec. 36 only, with brass cap marked

$\frac{1}{4}$  S36

1925

from which

A pinon, 8 ins. diam., bears N.  $48\frac{1}{2}^{\circ}$  E., 75 lks.

dist., marked  $\frac{1}{4}$  S 36 B T

No other suitable bearing trees available.

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Note: This cor. was reconstructed to refer to sec. 36 only, for the reason that it was found to be defective in position with reference to subdivisional surveys in T.14 S., R.8 E., executed in 1910.

Cor. stands on a S. slope in small gully which drains S. about 3 chs. to junction with large draw or gulch.

Thence

S.  $88^{\circ}54'$  W., with continuous measurement

- 40.60 Top of sandstone ledge, 35 ft. high, bears N. and SE.; descend abruptly.
- 40.85 Small stream of water, in gulch, 185 ft. below ridge, drains SE.; ascend abruptly.
- 54.00 Top of ascent and leave timber and undergrowth, enter cultivated land, 180 ft. above gulch, bears N. and S.

## DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

## Chains

76.67 Intersect line bet. secs. 1 and 2, T.14 S., R.8 E. as established by Clarence S. Jarvis, U. S. deputy surveyor, in 1910, S.0°01'E., 72 lks. distant from the closing cor. of secs. 1 and 2 on the N. bdy. of the Tp., which is an iron post, 2 ins. in dia., firmly set 24 ins. in the ground, with brass cap marked

T13SR8E	
S35	S36
C   C	
S2	S1
T14SR8E	
1910	

No trace of the bearing trees reported as having been marked at this cor. can be found.

I remark this cor. as follows:

WP  
CC

1925  
1910

At point of intersection of the line bet. secs. 1 and 2 with the N. bdy. of T.14 S., R.8 E.,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for closing cor. of secs. 1 and 2, T.14 S., R.8 E., with brass cap marked

T13S R8E	
S36	
S2   S1	
CC	
T14S R8E	
1925	

Deposit a sandstone, 8x6x1 ins., marked with a cross (X) on one face at base of monument.

Other accessories are impracticable as cor. stands in cultivated field.

78.30 Leave cultivated land, bears NW. and SE.

78.50 Road, bears NW. and SE.

79.75 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 35 and 36, T.13 S., R.8 E., with brass cap marked

# DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

Chains

T13S	R8E
S35	S36
32	
T14SR8E	
1925	

from which

A cedar, 15 ins.diam., bears N.79½W., 321 lbs.

dist., marked T 13 S R 8 E S 35 R T

No other trees available.

Raise a mound of stone, 2 ft. base, 1 ft. high, N. of cor.

Cor. stands near top of a low, rolling bench.

Land, rolling and broken benches; general S. exposure and SE. drainage.

Soil, sandy and clay loam on benches and heavy of sandstone formation in the drain.

Timber, medium growth of scrub cedar and juniper, N. E. 51.00 chs.

Undergrowth, sagebrush and yellow top.

Good browse for grazing.

3.88° S. 1/2 W., on true line bet. secs. 2 and 35.

Over broken bench land the next about 1/2 mile N. W.

1.50 E. rim of gulch and enter scattering scrub timber, bears NW. and S.; descend along S. E. slope.

9.15 Sandstone ledge, 20 ft. high, bears NW. and SW.

14.25 Wash, 50 lbs. wide, 10 ft. <sup>deep</sup>, all stream of water in same, in gulch, 160 ft. below sec. cor., course SE. about 10 chs. distant, thence S.; ascend abruptly over sandstone ledges.

19.00 Spur, 200 ft. above gulch, projects SE.; descend along broken SW. slope.

24.60 Top of sandstone ledge, bears NW. and SE.; descend abruptly to bottom of canyon.

29.70 Bottom of Gordon Creek Canyon, small stream of alkaline water in same, 205 ft. below spur, course SE.; ascend abruptly 160 ft. to

39.77 The original 1/2 sec. cor. bet. secs. 2 and 35 which is

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

Chains

a sandstone, 14x12x4 ins. above ground, loosely set, marked  $\frac{1}{4}$  on N. face; from which

A cedar limb, 10 ins.diam., bears N.59°E., 15 lks. distant. This limb is blazed but no other marks are discernible.

Alongside cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground to solid rock, over a cross (X) cut in same, and in a large mound of stone for  $\frac{1}{4}$  sec. cor. S. bdy. sec. 35 only, with brass cap marked

$\frac{1}{4}$  S35

1925

from which

A cedar limb, 10 ins.diam., bears N.59°E., 15 lks. dist., marked  $\frac{1}{4}$  S 35 B T

Other accessories are impracticable.

Note: This cor. was reconstructed to refer to sec. 35 only, for the reason that it was found to be defective in position with reference to subdivisional surveys in T.14 S., R.8 E., executed in 1910.

Cor. stands near top of steep N. slope on S. side of Gordon Creek Canyon.

Thence

N.87°23'W., with continuous measurement.

Continue ascent along general N. slope.

43.60 Telephone line, bears NE. and SW.

66.50 Leave timber, bears N. and S.

73.10 Ridge, 250 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; gradually descend 35 ft. to

80.45 The original cor. of secs. 2,3,34 and 35 which is a sandstone, 15x14x16 ins., firmly set in the ground, marked with 4 notches on W. and 2 notches on E. edge, and witnessed by a small mound of stone N. of cor.

Alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 2,3,34 and 35, with brass

Chains

cap marked

T13S	R8E
S34	S35
S3	S2

T14S  
1925

from which

A pinon, 6 ins. diam., bears N.  $9\frac{1}{2}^{\circ}$  E., 322 lks.

dist., marked T 13 S R 8 E S 35 B T

No other trees or bearing objects available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Cor. stands on gentle SW. slope near head of shallow draw, drains SE.

Land, rolling benches cut by deep canyons and gulches; general S. exposure and SE. drainage.

Soil, sandy, gravelly and clay loam on benches, loose rock and clay on slopes of canyons and gulches. Sandstone formation.

Timber, scattering cedar and pinon on E. 66.50 chs.

Undergrowth, sage and black brush with some scattering oak and service berry brush.

Good grazing.

S.  $89^{\circ}50'$  W., on true line bet. secs. 3 and 34.

Gradually descend over rolling and broken ground through short undergrowth.

4.30 Draw, 15 ft. below sec. cor., drains SE.

25.48 Telephone line, bears NW. and SE.

40.58 The original  $\frac{3}{4}$  sec. cor. bet. secs. 3 and 34 which is a sandstone, 16x6x3 ins. above ground, firmly set, marked  $\frac{3}{4}$  on N. face, and witnessed by a small mound of stone N. of cor.

Alongside cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{3}{4}$  sec. cor., with brass cap marked

$\frac{3}{4}$  S 34  
S3  
1925

## DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

## Chains

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
Cor. stands in open flat.

Thence

S.89°47'W., with continuous measurement.

44.50 Low, broad ridge, 75 ft. above draw, bears NW. and SE.;  
gradually descend.

60.50 Head of draw, 15 ft. below ridge, drains SE.; gradually  
ascend.

76.50 Low, broad ridge, 30 ft. above head of draw, bears NW.  
and SE.; gradually descend.

78.30 Old road, bears NW. and SE.

81.06 The original cor. of secs. 3,4,33 and 34 which is a  
sandstone, 16x10x1 ins., firmly set in the ground,  
marked with 3 notches on E. and 3 notches on W. edge,  
and witnessed by a small mound of stone N. of cor.

Alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in  
the ground on solid rock and 12 ins. in a mound of  
stone for cor. of secs. 3,4,33 and 34, with brass cap  
marked

T13S	R8E
S33	S34
S4	S3
T14S	
1925	

Deposit a sandstone, 7x7x3 ins., marked with a cross (X)  
on one face at base of monument.

Other accessories impracticable.

Land, rolling bench; general SE. exposure and drainage.

Soil, sandy loam, light brown clay and rocky of sandstone  
formation.

No timber.

Undergrowth, sage, black brush and scattering oak,  
service berry and deer brush.

Good grazing.

S.89°35'W., on true line bet. secs. 4 and 33.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

Chains	
	Descend over rolling bench land through short undergrowth.
2.60	Road, bears NW. and SE.
11.70	Draw, 45 ft. below sec. cor., drains SE.; gradually ascend.
31.80	Small gully, 70 ft. above draw, drains SE.
39.70	Enter scattering timber, bears N. and S.
40.55	The original $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33 which is a sandstone, 12x5x4 ins., firmly set in a mound of stone, marked $\frac{1}{4}$ on N. face; from which <div style="margin-left: 100px;">A cedar, 16 ins.diam., bears N.65°W., 54<math>\frac{1}{2}</math> lks.  distant. Tree is blazed but no marks are discernible.</div> Alongside cor., Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="margin-left: 150px;"><math>\frac{1}{4}</math> <math>\frac{S\ 33}{S4\ 1925}</math></div> from which <div style="margin-left: 100px;">(original bearing tree) A cedar, 16 ins.diam., bears N.65°W., 54<math>\frac{1}{2}</math> lks. distant; remarked  <math>\frac{1}{4}</math> S 33 B T  A cedar, 6 ins.diam., bears S.58<math>\frac{1}{4}</math>°E., 93 lks.  dist., marked <math>\frac{1}{4}</math> S 4 B T</div> Cor. stands on gentle E. slope near edge of scattering scrub timber. Thence N.89°46'W., with continuous measurement.
49.10	Road, bears N.30°W. and S.30°E..
55.30	Top of ledge and W. rim of bench, 40 ft. above $\frac{1}{4}$ sec. cor., bears N.30°W. and S.30°E.; descend W. slope.
61.30	Begin steeper descent into ravine..
65.90	Stream, 2 lks. wide, 2 ins. deep, in bottom of ravine, 250. ft. below rim of bench, course SE.; ascend abruptly over E. slope; leave timber and enter oak brush, bears



## DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

## Chains

N. and S.

80.62 The original cor. of secs. 4, 5, 32 and 33 which is a sandstone, 6x11x8 ins. above ground, firmly set, marked with 4 notches on E. and 2 notches on W. edge, and witnessed by a few deeply embedded stones around cor.

Alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T13S	R8E
S32	S33
S5	S4
T14S	
1925	

Raise a mound of stone, 2 ft. base, 1½ ft. high, at cor. Land, rolling and broken bench; general SE. exposure and drainage.

Soil, brown clay, sandy, gravelly and rocky or sandstone formation.

Timber, scattering cedar and pinon on 26.20 chs.

Undergrowth, oak, sage, black brush and service berry brush.

Good grazing.

---

N. 89° 01' W., on true line bet. secs. 5 and 32.

Ascend over rough bench land through medium growth of brush.

2.20 Spur, 50 ft. above sec. cor., projects SE.; descend.

13.20 Foot of spur, bears NW. and SE., enter nearly level land sloping S.

18.20 Wash, 10 lks. wide, 4 ft. deep, 250 ft. below spur, drains S.

34.20 Road, bears NE. and SW.

38.20 Wash, 10 lks. wide, 2 ft. deep, drains S.

40.44 Intersect the original ¼ sec. cor. bet. secs. 5 and 32 which is a sandstone, 16x8x5 ins., firmly set in the

Chains

ground, marked  $\frac{1}{4}$  on N. face and witnessed by a small mound of stone N. of cor.

Alongside cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S \ 32}{S \ 5}$   
 1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Thence

S.  $89^{\circ}22'$  W., with continuous measurement.

52.10 Wash, 10 lks. wide, 10 ft. deep, drains S., 70 ft. below  $\frac{1}{4}$  sec. cor.

53.70 Wash, 15 lks. wide, 10 ft. deep, drains S.

68.50 Wash, 10 lks. wide, 5 ft. deep, drains SE.

68.70 Enter cultivated land, bears N. and S.

79.00 Leave cultivated land, bears NE. and S.

81.40 The original cor. of secs. 5, 6, 31 and 32 which is a sandstone, 12 x 10 x 6 ins. above ground, firmly set, marked with 5 notches on E. and 1 notch on W. edge and witnessed by a small mound of stone N. of cor.

alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 5, 6, 31 and 32, with brass cap marked

$\frac{T13S \ R8E}{S31 \ S32}$   
 $\frac{S6 \ S5}{T14S}$   
 1925

from which

A spruce, 16 ins. diam., bears N.  $31\frac{1}{4}^{\circ}$  W., 319 lks. dist., marked T 13 S R 8 E S 31 B T

A spruce, 12 ins. diam., bears N.  $48\frac{1}{4}^{\circ}$  W., 418 lks. dist., marked T 13 S R 8 E S 31 B T

No other bearing trees available.

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, E. 13.20 chs. rough, broken bench; remainder of

## DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.8 E.

Chains

mile rolling; general S. exposure and drainage.  
 Soil, shallow, brown, sandy clay loam, gravelly and  
 rocky of sandstone formation.  
 No timber.  
 Undergrowth, sage, oak and service berry brush.  
 Good grazing.

REESTABLISHMENT OF THE SURVEY OF A PORTION  
 OF THE SOUTH BOUNDARY OF T.13 S., R.8 E. EXECUTED  
 BY JOHN T. BRECKON, U. S. DEPUTY SURVEYOR IN 1895.

From the reconstructed original cor. of secs. 5, 6, 31 and  
 32.

N.89°50'W. on true line bet. secs. 6 and 31.

Over rolling and broken bench land through medium growth  
 of brush.

- 8.00 Low spur, 20 ft. above sec. cor., projects SE.; gradually  
 descend.
- 12.40 Wash, 20 lks. wide, 8 ft. deep, 20 ft. below spur,  
 drains S.; ascend 20 ft.
- 19.20 Low spur, projects S.; descend 100 ft. to
- 22.60 Gulch, drains SE.; ascend 100 ft. to
- 26.90 Spur, projects S.; descend 50 ft.
- 29.00 Gulch, drains S.60°E.; ascend.
- 33.20 Spur, 60 ft. above gulch, projects S.60°E.; descend.
- 34.30 Ravine, 40 ft. below spur, drains S.60°E.; thence along  
 bottom of ravine entering scattering timber.
- 40.33 The original  $\frac{1}{4}$  sec. cor. which is a sandstone, 12x10x3  
 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face  
 and witnessed by a small mound of stone N. of cor.  
 alongside cor.,  
 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

 $\frac{1}{4}$ 

S 31

S 6  
1925

Chains

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
No suitable bearing trees available.

Cor. stands on edge of bottom of ravine, 35 ft. above  
point where entered.

Thence

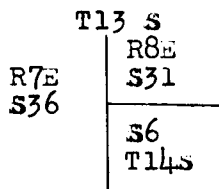
N.  $89^{\circ}52'$  W., with continuous measurement.

Ascend over N. and NE. slopes.

62.30 Spur, 310 ft. above ravine, projects SE.; gradually  
descend along N. slope.

68.40 Draw, near head, 40 ft. below spur, drains SE.; ascend  
abruptly over SE. slope through dense undergrowth.

80.11 Intersect the cor. of Tps. 13 and 14 S., R.8 E. recon-  
structed by Clarence S. Jarvis, U.S. deputy surveyor,  
in 1910 and which is an iron post, 3 ins. in dia.,  
firmly set in the ground and mound of stone, marked  
on brass cap



1910

Witnessed by a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor.

Cor. stands on rocky point, 285 ft. above head of draw.

Land, E. half mile rolling bench; west half, rough  
mountainous; general S. exposure and drainage.

Soil, sandy clay loam and rocky of sandstone formation;  
subsoil, clay and rock.

Timber, a few scattering cedar, pinon and fir on west  
half mile.

Undergrowth, oak, sage, service berry, black and deer  
brush.

Good grazing land.

## RETRACEMENT OF THE NORTH BOUNDARY OF T.13 S., R.8 E.

Chains

RETRACEMENT OF THE NORTH BOUNDARY OF  
T.13 S., R.8 E., ORIGINALLY SURVEYED BY JOHN  
T. BRECKON, U.S. DEPUTY SURVEYOR IN 1895 AND  
SUBSEQUENTLY RESURVEYED BY R.E.L. COLLIER AND GEO.  
C. SWAN, U.S. TRANSITMEN UNDER GROUP 13, UTAH  
IN 1911.

The north boundary of T.13 S., R.8 E. was originally surveyed by John T. Breckon, U. S. deputy surveyor, in 1895. In 1911, R.E.L. Collier and Geo. C. Swan, U.S. transitmen, under Group 13, Utah, executed a dependent resurvey of this township boundary and reestablished the missing corners and reconstructed those found to be in place. In the execution of surveys under Group 123, Utah, it was found necessary to retrace the east 4 miles and west mile of this township boundary as resurveyed by Collier and Swan in order to close the survey of secs. 1, 2, 3, 4 and 6 in T.13 S., R.8 E. In making these retracements the cor. monuments of the original survey which stand alongside the reconstructed cors. were conclusively verified. Comparison was also made of the actual topography with that which was returned in the notes of the original survey and the notes of the original survey are found to be substantially correct. Although all the corners visited during the retracement were found in place, effort was made to more fully perpetuate the same and to rebuild or secure additional accessories as appears in these notes.

from the cor. of Tps. 12 and 13 S., Rs. 8 and 9 E. which is an iron post, 3 ins. in dia., firmly set in the ground, with brass cap marked

T12 S	
R8E	R9E
S36	S31
S1	S6
R8E	R9E
T13S	
1911	

from which

a pine, 16 ins. diam., bears S. 1° E., 5 lks.

dist., marked T 13 S R 9 E S 6 B T

# RETRACEMENT OF THE NORTH BOUNDARY OF T. 13 S., R. 8 E.

Chains

A cedar, 8 ins.diam., bears N.65°E., 29 lks.  
 distant, marked T 12 S R 9 E S 31 B T  
 A cedar, 12 ins.diam., bears N.42°W., 30 lks.  
 dist., marked T 12 S R 8 E S 36 B T

Witnessed by a mound of stone, 2 ft.base, 1½ ft.high, ..  
 of cor.

Thence  
 S.89°56'W., on retracement line bet. secs. 1 and 36.

39.72 Fall 9 lks. N. of the reconstructed original ¼ sec. cor.  
 which is an iron post, 1 in. in dia., firmly set in  
 the ground and supported by a mound of stone, marked  
 on brass cap

¼ S36  
 S1  
 1911

from which

A pinon, 10 ins.diam., bears S.52¼°E., 36 lks.  
 dist., marked ¼ S 1 B T

No other accessories to cor.; I mark another  
 tree as follows:

A spruce, 12 ins.diam., bears N.59¾°E., 37 lks.  
 dist., marked ¼ S 36 B T

The bearing of this half mile is S.89°48'W., and the  
 distance is 39.72 chs.

Cor. stands on brink of ledge, 30 ft.high, bears NW.  
 and SE., on general SW. slope near top of high mountain  
 and 1.00 chain west of top of high ridge covered with  
 dense mahogany and pine timber and which bears N. and S.

Thence from ¼ sec. cor.,  
 S.88°33'W.

39.88 Fall 3½ lks. N. of the reconstructed original cor. of  
 secs. 1,2,35 and 36 which is an iron post, 3ins. in  
 dia., firmly set in the ground, marked on brass cap

T12S | R8E  
 S35 | S36  
 S2 | S1  
 T13S  
 1911

Witnessed by a few scattered stones around cor.

# RETRACEMENT OF THE NORTH BOUNDARY OF T.13 S., R.8 E.

## Chains

Alongside iron post is the original corner monument, which is a sandstone, 15 x 9 x 4 ins. above ground, firmly set, marked with 1 notch on E. and 5 notches on N. edge.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. The bearing of this half mile is S. 88° 30' W., and the distance is 39.88 chs.

Cor. stands on E. slope in dense oak brush, 4:30 chs. west and 100 ft. above bottom of canyon which drains SE.

---

from the reconstructed original cor. of secs. 1, 2, 35 and 36.

N. 89° 20' W., on retracement line bet. secs. 2 and 35.

38.71 Fall 51 lks. S. of the reestablished  $\frac{1}{4}$  sec. cor. N. bdy. sec. 2 which is an iron post, 1 in. in dia., lying in a mound of stone, marked on brass cap

---

$\frac{1}{4}$  S2  
1911

No accessories to cor:

I reset cor. as follows:

Set iron post, 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor. N. bdy. sec. 2, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.

The bearing of this half mile is N. 88° 35' W., and the distance is 38.72 chs.

Cor. stands on rugged S. slope near top of mountain and 7.50 chs. west of top of high ridge bearing NW. and SE.

from  $\frac{1}{4}$  sec. cor.,

N. 89° 54' W., for visible signal at the cor. of secs. 2 and 3.

39.80 Intersect the original cor. of secs. 2, 3, 34 and 35 reconstructed to refer to secs. 2 and 3, T.13 S., R. 8 E. only, which is an iron post, 3 ins. in dia.,

# RETRACEMENT OF THE NORTH BOUNDARY OF T.13 S., R.8 E.

Chains

firmly set in the ground and marked on brass cap

S3	S2
T13S	R8E
1911	

No accessories to cor.

Alongside iron post is the original monument for cor. of secs. 2, 3, 34 and 35, which is a sandstone, 12x12x8 ins. above ground, firmly set, marked with 2 notches on E. and 4 notches on W. edge.

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. The bearing of this half mile is N. 89° 54' W., and the distance is 39.80 chs.

Cor. stands on S. slope in dense oak brush and along a newly constructed fence line which bears about E. and W.

from the original cor., reconstructed for the cor. of secs. 2 and 3.

S. 89° 30' W., on retracement line along N. bdy. sec. 3.

1.47 Intersect the closing cor. of secs. 34 and 35, T.12 S., R.8 E., which is an iron post, 2 ins. in dia., firmly set in the ground, marked on brass cap

T12S	R8E
S34	S35
CC	

S3
T13S
1911

and witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

38.91 Fall 2 lks. S. of the reconstructed original ¼ sec. cor., which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, marked on brass cap

¼ S34
S3
1911

and witnessed by a scattered mound of stone N. of cor.

This cor. is defective in position with reference to the survey of sec. 34, T.12 S., R.8 E.; therefore, I remark



# RETRACEMENT OF THE NORTH BOUNDARY OF T.13 S., R.8 E.

CHAINS

and 1/2

same for sec. 3 only, as follows:

1/2 S3  
1925  
1911

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.  
No evidence of the original cor. monument could be found.  
The bearing of this half mile S.  $89^{\circ}32'W.$ , and the  
distance is 38.91 chs.

Cor. stands on grassy ... slope 6.00 chs. west of the top  
of high mountain ridge which bears about N. and S. and  
along a fence line bearing E. and W.

from 1/2 sec. cor.,

N.  $89^{\circ}40'W.$

39.99 Call 1 lk. S. of the original cor. of secs. 3, 4, 33 and  
34 reconstructed to refer to secs. 3 and 4, T.13 S.,  
R.8 E. only, which is an iron post, 3 ins. in dia.,  
firmly set in the ground, marked on brass cap

S4 | S3  
T13S | R8E  
1911

from which

an aspen, 8 ins. diam., bears S.  $47\frac{1}{2}^{\circ}E.$ , 28 lks.

distant, marked T 13 S R 8 E S 3 B T

a pine, 10 ins. diam., bears S.  $22\frac{1}{2}^{\circ}W.$ , 9 lks.

dist., marked T 13 S R 8 E S 4 B T

Alongside iron post is the original monument for the cor.  
of secs. 3, 4, 33 and 34, which is a hard sandstone,  
10x14x4 ins. above ground, firmly set, marked with 3  
notches on E. and 3 notches on W. edge.

The bearing of this half mile is N.  $89^{\circ}39'W.$ , and the  
distance is 39.99 chs.

Cor. stands in edge of dense pine and aspen timber on  
S. side of bottom of canyon, bears NW. and SE. The  
bottom of canyon, drains NW., bears east, 1.20 chs.  
distant.

RETRACEMENT OF THE NORTH BOUNDARY OF T.13 S., R.8 E.

Chains

From the original cor., reconstructed for the cor. of secs. 3 and 4.

S.88°30'W., on retracement line along N. bdy. of sec.4.

2.66 South 3 lks. from my line is the closing cor. of secs. 33 and 34, T.12 S., R.8 E., which is an iron post, 2 ins. in dia., firmly set in the ground, marked on brass cap

T12S	R8E
S33	S34
C	C

S4  
T13S  
1911

from which

A spruce, 8 ins.diam., bears N.62½°E., 14 lks. dist., marked C C T 12 S R 8 E S 34 B T

A forked aspen, 14 ins.diam., bears N.20°W., 48 lks.dist., marked C C T 12 S R 8 E S 33 B T

39.91 Fall 52 lks. N.of the original ¼ sec. cor., reconstructed for the ¼ sec. cor. N. bdy. sec. 4 only, which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, marked on brass cap

¼ S4  
1911

from which

An aspen, 6 ins.diam., bears S.45°W., 5 lks. dist., marked ¼ S 4 B T

No evidence of the original cor. monument could be found. The bearing of this half mile is S.87°45'W., and the distance is 39.93 chs.

from the ¼ sec. cor.,

N.89°30'W.

40.95 Fall 34 lks. S. of the original cor. of secs. 4,5,32 and 33, reconstructed to refer to secs. 4 and 5, T.13 S., R.8 E. only, which is an iron post, 3 ins. in dia., firmly set in the ground, marked on brass cap

## RETRACEMENT OF THE NORTH BOUNDARY OF T.13 S., R.8 E.

Chains

T12SR8E	
S33	
<hr/>	
S5	S4
T13S	R8E
1911	

from which

A white pine, 10 ins.diam., bears S.92°E., 283  
lks.dist., marked T 13 S R 8 E S 4 B T

An aspen, 8 ins.diam., bears S.43½°W., 253 lks.  
dist., marked T 13 S R 8 E S 4 B T

Note: I change the marks on the aspen bearing tree to  
read: T 13 S R 8 E S 5 B T

No evidence of the original cor. monument could be found.

The bearing of this half mile is N.89°01'W., and the  
distance is 40.95 chs.

From the original cor. of secs. 5, 6, 31 and 32, reconstruct  
ed to refer to secs. 5 and 6, T.13 S., R.8 E., which  
is an iron post, 3 ins. in dia., firmly set in the  
ground and mound of stone, marked on brass cap

T12 SR8E	
S32	
<hr/>	
S6	S5
T13S	R8E
1911	

from which

An aspen (dead) 4 ins.diam., bears S.35°E., 21 lks.  
dist., marked T 13 S R 8 E S 5 B T

An aspen, 4 ins.diam., bears S.51½°W., 14 lks.  
dist., marked T 13 S R 8 E S 6 B T

I mark a new bearing tree as follows:

An aspen, 6 ins.diam., bears S.29½°E., 27 lks.  
dist., marked T 13 S R 8 E S 5 B T

No evidence of the original cor. monument could be found.  
Thence

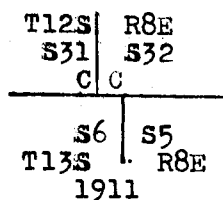
S.89°38'W., on retracement line along N. bdy. sec. 6.

2.24

Intersect the closing cor. of secs. 31 and 32, T.12 S.,  
R.8 E., which is an iron post, 2 ins. in dia., firmly  
set in the ground, with brass cap marked

# RETRACEMENT OF THE NORTH BOUNDARY OF T.13 S., R.8 E.

Chains

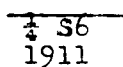


from which

An aspen, 3 ins.diam., bears N.  $32\frac{3}{4}^{\circ}$  E., 113 lks.  
dist., marked C C T 12 S R 8 E S 32 B T

An aspen, 3 ins.diam., bears N.  $62\frac{1}{2}^{\circ}$  W., 33 lks.  
dist., marked C C T 12 S R 8 E S 31 B T

40.55 Fall 2 lks. S. of the original  $\frac{1}{4}$  sec. cor., reconstructed for the  $\frac{1}{4}$  sec. cor. N. bdy. sec. 6 only, which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, marked on brass cap



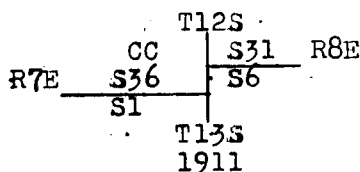
from which

An aspen, 4 ins.diam., bears S.  $56\frac{3}{4}^{\circ}$  E., 25 lks.  
dist., marked  $\frac{1}{4}$  S 6 B T

No evidence of the original cor. monument could be found. The bearing of this half mile is S.  $89^{\circ}40'$  W., and the distance is 40.55 chs.

From the  $\frac{1}{4}$  sec. cor.,  
S.  $89^{\circ}38'$  W.

40.13 Fall 57 lks. S. of the reconstructed original closing cor. of Tps. 12 and 13 S., R.8 E., which is an iron post, 3 ins. in dia., firmly set in the ground, with brass cap marked



from which

An aspen, 6 ins.diam., bears N.  $3\frac{1}{2}^{\circ}$  E., 9 lks.  
dist., marked T 12 S R 8 E S 31 B T

An aspen, 6 ins.diam., bears S.  $21\frac{1}{4}^{\circ}$  E., 33 lks.  
dist., marked T 13 S R 8 E S 6 B T

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E

## Chains

No evidence of the original cor. monument could be found.  
The bearing of this half mile is N.89°33'W., and the  
distance is 40.13 chs.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

REESTABLISHMENT OF THE SURVEYS  
EXECUTED BY JOHN T. BRECKON, U.S. DEPUTY  
SURVEYOR IN 1895.

from the reestablished cor. of secs. 35 and 36 on the  
S. bdy. of the Tp. heretofore described.

N.0°37'E., on true line bet. secs. 35 and 36.

Gradually descend over rolling ground.

- 2.70 Road and enter cultivated land, bears NW. and SE.  
13.90 Swale, 50 ft. below sec. cor., drains E.; gradually  
ascend..  
21.57 Wire fence, bears E. and W.  
28.30 Telephone line, bears NW. and SE.  
29.35 Wire fence and leave cultivated land, bears E. and W.  
30.00 Road, bears NW. and SE.  
34.00 Swale, drains SE.; a small pond, bears SE. about 1.50  
chs. distant; corrals and sheds at ranch are immediately  
S. of pond. Gradually ascend.  
35.90 Road, from Coal City to Price and Helper, Utah, bears  
E. and W.  
38.00 Enter cedar and pinon timber, bears E. and W.  
41.03 Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S35 | S36  
 1925

from which

A pinon, 6 ins. diam., bears N.35 $\frac{1}{2}$ °E., 49 lks.  
dist., marked  $\frac{1}{4}$  S 36 B T

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

A pinon, 6 ins. diam., bears S.  $60\frac{1}{2}^{\circ}$  W., 28 $\frac{1}{2}$  lks.dist., marked  $\frac{1}{4}$  S 35 B T

From  $\frac{1}{4}$  sec. cor., the W. edge of a frame ranch house, on N. side of road from Coal City to Price and Helper, Utah, bears S.  $46^{\circ}45'$  E. Another house, not visible from the  $\frac{1}{4}$  sec. cor., bears southeasterly about 5 chs. distant from the house on N. side of road.

Cor. stands on gentle southerly slope in medium growth of timber.

- 41.60 Low spur, projects SE.; enter dense timber, bears E. and W.; gradually descend.
- 48.00 Leave dense timber, bears E. and W.
- 48.73 Woven wire fence, bears NW. and SE.
- 49.80 Wash, 15 lks. wide, 10 ft. deep, drains SE.
- 59.60 Wash, 10 lks. wide, 4 ft. deep, drains E. about 5 chs. to junction with large draw from the NW.
- 65.80 Wash, 20 lks. wide, 10 ft. deep, in draw, 50 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; gradually ascend.
- 75.00 National Coal Railroad, now under construction, bears NW. and SE.
- 78.00 Enter medium growth of timber, bears E. and W.
- 80.00 Begin steeper ascent.
- 82.06 To point 5 lks. E. of a sandstone boulder in place,  $3\pi 2 \times 2$  ft. showing, marked with a cross (X) on top of same, also the position for the original cor. of secs. 25, 26, 35, and 36. Jos. C. Thoma, U. S. cadastral engineer, in his investigation as to survey conditions in T.13 S., R.8 E., under Group 123, Utah, in 1922, reported the original cor. of secs. 25, 26, 35, and 36 to be in place, being a sandstone,  $16 \times 10 \times 8$  ins., properly marked and from which a cross (X) on a sandstone boulder, bears west, 5 lks. distant. After diligent search I am unable to find any evidence of the original corner monument, nor am I able to find another boulder in the vicinity of the cor. marked with a cross. The position of this cor. is on a steep clay slope and

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

surface conditions indicate that heavy rains have frequented the vicinity of the cor. with the result that the cor. monument has in all probability been washed away. Therefore, at a point 5 lks. east of the cross on boulder, I reestablish section cor. as follows:

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in the ground for cor. of secs. 25, 26, 35, and 36, with brass cap marked

T13S	R8E
S26	S25
S35	S36
1925	

from which

A pinon, 6 ins.diam., bears N.38°E., 30 lks.

dist., marked T 13 S R 8 E S 25 B T

A pinon, 12 ins.diam., bears S.42½°E., 195 lks.

dist., marked T 13 S R 8 E S 36 B T

A pinon, 10 ins.diam., bears S.45°W., 68 lks.

dist., marked T 13 S R 8 E S 35 B T

A pinon, 8 ins.diam., bears N.77½°W., 156 lks.

dist., marked T 13 S R 8 E S 26 B T

From this sec. cor., the frame house on N. side of road from Coal City to Price and Helper, Utah, bears S.8°15'E.

Land, rolling and broken bench; general S. exposure and SE. drainage.

Soil, sandy, light brown clay loam, blue clay and rocky of sandstone formation; 1st. to 4th. rates.

Timber, cedar and pinon in central and northern portions of mile.

Undergrowth, sagebrush, shadscale and bitter brush.

From the reconstructed original cor. of secs. 25, 30, 31, and 36 on the E. bdy. of the Tp. heretofore described. N.89°18'W., on true line bet. secs. 25 and 36.

Gradually ascend over broken land through medium growth

of timber and short undergrowth.

8.50 Ridge, 85 ft. above sec. cor., bears SE. and nearly W.;  
thence along top of low ridge.

15.10 Low depression in ridge.

17.50 Leave medium growth and enter scattered timber, bears  
N. and S.

39.03 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  
10x12x6 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N.  
face; from which

A pinon, 10 ins.diam., bears N.  $24\frac{1}{2}^{\circ}$ E., 140 lks.  
dist., marked BT only.

This bearing tree is not described in the notes of the  
original survey. However, the age of the blaze on the  
tree and the individuality of the marks indicate that  
the bearing tree was taken during the progress of  
Deputy Breckon's survey and that he has failed to make  
a record thereof.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S25  
S36  
1925

from which

Original tree, a pinon, 10 ins.diam., bears

N.  $24\frac{1}{2}^{\circ}$ E., 140 lks. dist., remarked  $\frac{1}{4}$  S 25 B T

A cedar, 10 ins.diam., bears S.  $62\frac{1}{4}^{\circ}$ W., 254 lks.  
dist., marked  $\frac{1}{4}$  S 36 B T

Cor. stands on gentle N. slope about 1 ch. south of a  
wash draining about N.  $85^{\circ}$ E.

The south point of a high ledge rim of mountain locally  
called "Bull Point", bears N.  $16^{\circ}$ W.

Thence

N.  $89^{\circ}55'$ W., with continuous measurement.

41.20 Leave scattered and enter dense timber, bears N. and S.

48.60 Spur, 100 ft. above  $\frac{1}{4}$  sec. cor., projects SE.; descend



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	along broken S. slope.
50.70	From this point, a ledge, 15 ft. high, bearing NW. and NE. at S. point of a spur, bears N. about 2 chs. distant.
57.00	Ravine, 15 ft. below spur, drains SE.; ascend.
64.00	Spur, 60 ft. above ravine, projects SE.; descend.
65.70	Draw, 50 ft. below spur, drains SE.; ascend.
74.70	Ridge, 100 ft. above draw, bears NW. and SE.; descend 25 ft. to
78.92	The reestablished cor. of secs. 25, 26, 35 and 36. Land, low, broken mountains; general S. exposure and drainage. Soil, light brown and blue clay, sandy, gravelly and rocky of sandstone formation; 2nd. to 4th. rates. Timber, scattered to dense growth of cedar and pinon. Undergrowth, sagebrush and yellow top. Fair grazing land.
<hr/>	
	N.0°54'E., on true line bet. secs. 25 and 26. Ascend abruptly over rough mountainous land through scattered growth of timber and short undergrowth.
1.40	Ridge, 50 ft. above sec. cor., bears NW. and SE.; gradually descend over N. slope entering dense timber.
14.70	Junction of ravines from the W. and N.10°E., 75 ft. below ridge, drains SE.; ascend.
19.10	Rocky point and top of ledge, 20 ft. high, 75 ft. above junction of ravines, bears NW. and SW.; descend.
22.20	Draw, drains SE.; ascend S. slope.
37.25	Spur, 150 ft. above draw, projects SW.; descend along W. slope.
39.42	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 10x12x5 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face; no accessories to cor. Alongside original cor., Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E

Chains

the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S26 | S25  
 1925

from which

A pinon, 10 ins.diam., bears N.41 $\frac{1}{4}$ °E., 83 lks.

dist., marked  $\frac{1}{4}$  S 25 B T

A pinon, 10 ins.diam., bears N.60 $\frac{1}{4}$ °W., 63 lks.

dist., marked  $\frac{1}{4}$  S 26 B T

From this cor., the south point of a high ledge rim of mountain, locally called "Bull Point", bears N.37°30'E.

Thence

N.6°18'W., with continuous measurement.

Continue along W. slope.

48.00 Draw, 50 ft. below  $\frac{1}{4}$  sec. cor., drains SW.; ascend steep clay talus slope strewn with sandstone boulders. Timber becomes scattered, bears NW. and SE.

67.00 Spur, at base of sandstone ledge, projects SW.; ledge, bears NW. and SE.; begin ascent over series of practically impassable sandstone ledges bearing NW. and SE.

79.42 Proportionate point.

The position for the restored cor. of secs. 23, 24, 25, and 26, falls on precipitous break of mountain among sandstone ledges and it is impracticable to reestablish cor. at its true point or within a reasonable distance on line either N., S., E., or W., therefore, at a point N.76°00'E., 4.01 chs. distant from the true cor. point, Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a large mound of stone for witness cor. to the cor. of secs. 23, 24, 25, and 26, with brass cap marked

T13S | R8E  
 S23 | S24  
 S26 | S25  
 WC  
 1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

No suitable bearing trees available.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.8 E.

Chains

added

Cor. stands on general S. slope at top of ledges and near summit of a high mountain point projecting SE. Land, south 67.00 chs., low broken mountains and rough talus slope; remainder of mile precipitous SW. break of mountain; general S. exposure and drainage. Soil, blue and brown clay and rocky of sandstone formation; 3rd. and 4th. rates...

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

Poor grazing.

From the true point for the reestablished cor. of secs.

19, 24, 25, and 30 on the E. bdy. of the Tp., heretofore described.

N. 89° 29' W., on true line bet. secs. 24 and 25.

Over rough mountainous land along S. edge of low bench, through medium growth of scrub timber and short undergrowth.

9.00 Begin steep ascent over SE. and S. slopes.

17.00 Spur, 200 ft. above point for sec. cor., projects N. 85° E. Thence along steep, broken N. slope.

19.00 Head of steep, rocky draw, drains N. about 12 chs. to junction with Wildcat Canyon.

32.20 Head of steep, rocky draw, drains NE. and comes from N. 80° W; thence along N. slope near bottom of draw; surface strewn with large sandstone boulders.

39.15 Point for  $\frac{1}{4}$  sec. cor. will fall on large sandstone boulder in place; where it is impossible to perpetuate cor., therefore, at this point,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked

WC1

S24

S25  
1925

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
No suitable bearing trees available.

39.27 Proportionate point for the reestablished  $\frac{1}{4}$  sec. cor.

falls on large sandstone boulder in place. Impossible  
to perpetuate cor. at this point; mark a cross (X)  
at exact cor. point.

Begin precipitous ascent over E. slope of high mountain  
point; surface strewn with large sandstone boulders  
and broken by series of ledges. Leave timber.

58.60 Top of high sandstone ledge and top rim of high mountain  
point, 1000 ft. above point for  $\frac{1}{4}$  sec. cor., bears  
N. and S.; continue ascent.

60.00 Top of ascent and point, projects N.; thence along  
N. slope.

65.20 Head of draw, drains N.  $10^{\circ}$  W.

72.00 Top of high mountain ridge, near S. point of same, bears  
NW. and SE.; descend abruptly precipitous SW. slope  
over sandstone ledges.

78.54 Point for the reestablished cor. of secs. 23, 24, 25 and  
26.

Land, rough, broken, nearly inaccessible mountains;  
general E. exposure and SE. drainage on E. 60.00 chs.;  
N. exposure and E. drainage on next 12 chs. and SW.  
exposure and drainage on remainder of mile.

Soil, blue and brown clay and rocky of sandstone and  
limestone formation; 3rd. and 4th. rates.

Timber, cedar and pinon on E. half mile.

Undergrowth, scattering short sagebrush on east portion  
of mile and service berry brush, buck brush and mah-  
ogany on W. 20.00 chs.

From the true point for the reestablished cor. of secs.  
23, 24, 25 and 26.

N.  $0^{\circ}28'W.$ , on true line bet. secs. 23 and 24.

Over rough mountainous land; ascend precipitous SW. slope

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

over sandstone ledges and break of mountain.

- 6.00 Summit of high mountain ridge, 200 ft. above point for sec. cor. and 1060 ft. above cor. of secs. 25, 26, 35 and 36, bears NW. and SE.; descend abruptly NE. slope, entering scattering timber and undergrowth.
- 19.00 Sandstone ledge, 50 ft. high, bears NW. and SE.; continue abrupt descent.
- 28.00 Small gully, drains NE.; thence along E. slope.
- 29.50 Low spur, projects E.; descend.
- 31.50 Bottom of canyon, 880 ft. below ridge, drains N. 70° E.; enter dense timber, bears E. and W.; ascend abruptly S. slope 200 ft. to
- 32.76 Proportionate point.
- Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S23} \mid \text{S24} \\ 1925 \end{array}$$

from which

A pinon, 16 ins. diam., bears N. 29° E., 58 lks. dist., marked  $\frac{1}{4}$  S 24 B T

A pinon, 12 ins. diam., bears S. 76 $\frac{1}{2}$ ° W., 60 lks. dist., marked  $\frac{1}{4}$  S 23 B T

Continue abrupt ascent over S. slope.

- 45.10 Top of sandstone ledge, 50 ft. high, bears E. and W.; continue ascent.
- 51.50 Spur, 250 ft. above  $\frac{1}{4}$  sec. cor., projects SE.; top of sandstone ledge, 50 ft. high and point on spur, bears SE. about 1 ch. distant; from this ledge the spur breaks off and descends rapidly to the SE. Leave dense timber, bears E. and W.; descend NE. slope.
- 57.70 Ledge, 30 ft. high, bears NW. and S. 30° E.; thence over land sloping nearly E. through dense undergrowth.
- 59.64 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for north sixteenth-section cor. bet. secs.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

23 and 24, with brass cap marked

N 1/16

S23 | S24

1925

from which

A spruce, 14 ins.diam., bears N.33 $\frac{1}{2}$ °E., 249 lks.

dist.,marked N 1/16 S 24 B T

A sandstone boulder, 6x4x4 ft., bears N.45°W.,

94 lks. distant, marked X B0 S23

Cor. stands on E. slope near base of ledge bearing

N.30°W. and S.30°E.

Bottom of Wildcat Canyon, 425 ft. below spur at 51.50

chs., drains SE; dense spruce timber and tall under-

growth in canyon bottom. Ascend S. slope.

Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in

the ground on solid rock and 18 ins. in a mound of

stone for cor. of secs. 13,14,23 and 24, with brass

cap marked

T13S | R8E

S14 | S13

S23 | S24

1925

from which

A cedar, 14 ins.diam.,bears N.74°E., 145 lks.

dist.,marked T 13 S R 8 E S 13 B T

A sandstone boulder, 10x10x5 ft.,bears S.35 $\frac{1}{2}$ °E.,

70 lks. distant,marked X B0 S24

A spruce, 5 ins.diam.,bears S.29°W., 58 lks.

dist.,marked T 13 S R 8 E S 23 B T

A spruce, 8 ins.diam.,bears N.73 $\frac{3}{4}$ °W., 30 lks.

dist.,marked T 13 S R 8 E S 14 B T

Land, rough mountainous; general SE. exposure and drainage.

Soil, brown clay loam and rocky of sandstone formation;

2nd. and 4th. rates.

Timber, cedar and pinon with some scattered spruce.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 11 S. 2. E. 2. E.

## Chains

Undergrowth, sage, service berry, oak, maple, and buck brush. The N. and E. slopes are covered with a thick growth of mountain grass, 10 to 18 ins. tall.  
Good grazing on portions of mile.

From the reestablished cor. of secs. 13, 18, 19, and 24 on the E. bdy. of the Tp., heretofore described.

N. 89° 08' W., on true line bet. secs. 13 and 24.

Ascend abruptly over rugged SE. slope on S. break of mountain, through dense timber and undergrowth.

14.50 High spur, 400 ft. above sec. cor., projects S. 30° W.; descend abruptly over nearly W. slope.

18.70 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for east sixteenth-section cor. bet. secs. 13 and 24, with brass cap marked

E 1/16 S 13

S 24  
1925

from which

A spruce, 16 ins. diam., bears S. 55½° W., 38 lks.

dist., marked E 1/16 S 24 B T

A spruce, 16 ins. diam., bears N. 57½° W., 145 lks.

dist., marked E 1/16 S 13 B T

Cor. stands on steep W. slope, 150 ft. below spur; continue steep descent.

25.50 Ledge, 50 ft. high, bears NE. and S. 30° W.

30.80 Bottom of canyon, 500 ft. below 1/16 sec. cor., drains SW.; ascend abruptly E. slope 150 ft. to

37.40½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap marked

S 13

S 24  
1925

from which

Chains

A balsam fir, 8 ins.diam.,bears N.58 $\frac{1}{4}$ °E., 10 $\frac{1}{4}$  lks.dist.,marked  $\frac{1}{4}$  S 13 B T

A balsam fir, 5 ins.diam.,bears S.22 $\frac{1}{2}$ °W., 15 lks.dist.,marked  $\frac{1}{4}$  S 2 $\frac{1}{4}$  B T

Cor. stands on steep SE. slope about  $\frac{1}{4}$  lks. from base of perpendicular sandstone ledge about 60 ft. high, bears SW. and nearly N.

The line west passes over a high spur rising abruptly about 600 ft. over series of practically inaccessible sandstone ledges 20 to 60 ft. high. The west side of this spur is also rimmed with series of ledges. As measurement on line is impracticable, if not impossible, I offset as follows:

S.1°41'E., 19.84 chs., then on offset line

N.89°08'W., 37.40 $\frac{1}{2}$  chs. At 8.10 chs., canyon, drains SW.

At 15.00 chs., spur projects S. about 5 chs.distant to end.High ledges on point of spur, bear N. about 6 chs. distant.

At 26.00 chs., bottom of Wildcat canyon, drains S.20°E.

N.1°41'W., 19.84 chs., to true line, on which, at

74.81 (Counted from reestablished cor. of secs. 13,18,19 and 24 on the E. bdy. of the Tp.) The reestablished cor. of secs. 13,14,23 and 24.

Note: From the reestablished cor. of secs. 13,14,23 and 24 the mouth of a canyon at base of high spur to the east, and which drains SW. approximately 3 chs. to junction with Wildcat Canyon, bears S.89°08'E., about 6 chs. distant.

Land, high, rough and broken mountains; general S. exposure and drainage.

Soil, brown clay loam and rocky of sandstone formation; 4th. rate.

Timber, cedar, pinon and scattering spruce.

Undergrowth, service berry, buck, sage and oak brush.

N.1°04'E., on true line bet. secs. 13 and 14.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

Over rugged mountainous land through medium growth of timber and tall undergrowth. Ascend precipitous S. and SE. slopes over series of ledges 20 to 50 ft. high.

- 3.00 Ledge, 20 ft. high, bears NE. and nearly W.  
 5.50 Ledge, 20 ft. high, bears NE. and nearly W.  
 9.50 Ledge, 50 ft. high, bears NE. and SW.  
 16.20 Ledge, 20 ft. high, bears NE. and SW.  
 19.00 Top of steep ascent from canyon and leave dense timber, bears E. and W.; ascend general S. slope.  
 39.76½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S14} \mid \text{S13} \\ 1925 \end{array}$$

from which

A maple, 3 ins.diam., bears N.45½°E., 41 lks.  
 dist., marked  $\frac{1}{4}$  S 13 B T

An aspen, 6 ins.diam., bears S.72°W., 27 lks.  
 dist., marked  $\frac{1}{4}$  S 14 B T

Cor. stands on gentle SE. slope near N. edge of aspen timber and oak and maple undergrowth, 980 ft. above sec. cor.

- 45.00 Leave timber and tall undergrowth, bears E. and SW.  
 48.50 Top of ridge and divide bet. Spring Canyon and Wildcat Canyon, 200 ft. above  $\frac{1}{4}$  sec. cor., bears N.60°W. and S.60°E.; descend grassy N. slope.  
 59.65 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 18 ins. in a large mound of stone for north sixteenth-sec. cor. bet. secs. 13 and 14, with brass cap marked

$$\begin{array}{c} \frac{1}{16} \\ \text{N} \mid \\ \text{S14} \mid \text{S13} \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Cor. stands on general N. slope on W. side of top of a spur which descends and projects about N.5°E.

Continue descent over general N. slope.

79.53 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 11,12,13 and 14, with brass cap marked

T13S	R8E
S11	S12
S14	S13
1925	

from which

A spruce, 6 ins.diam., bears N.62½°E., 91 lks.

dist., marked T 13 S R 8 E S 12 B T

A spruce, 6 ins.diam., bears S.60°W., 28 lks.

dist., marked T 13 S R 8 E S 14 B T

A spruce, 6 ins.diam., bears N.58°W., 41 lks.

dist., marked T 13 S R 8 E S 11 B T

No other suitable bearing trees or other objects available and pits are impracticable.

Cor. stands on steep NW. slope in S. edge of dense spruce timber, 550 ft. below top of divide.

Note: The position of the reestablished cor. of secs.

11,12,13, and 14 with reference to topography on the west half mile bet. secs. 12 and 13, the south half mile bet. secs. 11 and 12, and the east half mile bet. secs. 11 and 14 is consistent with that recorded in the notes of the original survey especially in the vicinity of the corner. See also note at conclusion of the line bet. secs. 12 and 13.

Land, rough mountainous; general N. and S. exposure and drainage from ridge at 48.50 chs.

Soil, brown clay loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, dense cedar and pinon with scattering spruce on S. 19.00 chs.; scattering aspen on next 26.00 chs.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

and dense spruce on extreme N. portion of mile.  
Undergrowth, sage, oak, maple and scattering patches of  
dense service berry brush.

Tall mountain grass suitable for grazing.

From the reconstructed cor. of secs. 7, 12, 13, and 18 on  
the E. bdy. of the Tp., heretofore described.

S. 88° 05' W., on true line bet. secs. 12 and 13.

Ascend along N. slope near summit of ridge, over rough  
mountainous land through scattering undergrowth.

8.00 Spur, 30 ft. above sec. cor., projects N.; descend along  
N. slope.

17.80 Head of draw, 155 ft. below spur, drains N.; gradually  
ascend along N. slope.

21.00 Enter dense undergrowth, bears N. and S.

27.50 Spur, 150 ft. above head of draw, projects N.; leave  
dense undergrowth, bears N. and S.; gradually descend.

31.77 Intersect the original  $\frac{1}{4}$  sec. cor. which is a sandstone,  
14x10x6 ins., lying on the ground, and marked  $\frac{1}{4}$  on one  
face, and witnessed by a few stones deeply embedded in  
the ground around cor.

Reset stone, 6 ins. in the ground, marked  $\frac{1}{4}$  on N. face,  
and alongside same,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in  
the ground on solid rock and 12 ins. in a large mound  
of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 12

† S 13  
1925

Deposit a sandstone, 8x7x5 ins., marked with a cross (X)  
on one face at base of monument.

Other accessories impracticable.

Cor. stands on general N. slope, 30 ft. below spur and  
8.80 chs. N. of top of high mountain ridge.

Thence

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

N.88°15'W., with continuous measurement.

Descend abruptly NW. slope.

37.30 Enter dense undergrowth and scattering timber, bears N. and S.

38.50 Draw, near head, 160 ft. below  $\frac{1}{4}$  sec. cor., drains NW.; ascend over low rise on N. slope.

44.00 Draw, 230 ft. below  $\frac{1}{4}$  sec. cor., drains N.10°E.; ascend abruptly.

51.70 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for west sixteenth-sec. cor. bet. secs. 12 and 13, with brass cap marked

$$\begin{array}{r} 1 \quad S \ 12 \\ W \ 16 \\ \hline S \ 13 \\ 1925 \end{array}$$

from which

A spruce, 6 ins.diam., bears N.64°E., 43 lks.

dist., marked W 1/16 S 12 BT

A maple, 3 ins.diam., bears S.85 $\frac{1}{2}$ °E., 54 lks.

dist., marked W 1/16 S 13 BT

Cor. stands on E. slope and near top of high spur projecting N.

52.00 High spur, 250 ft. above draw, projects N.10°W.; leave dense undergrowth, bears N. and S. and begin precipitous descent over W. slope.

62.50 Ravine, 375 below spur, drains NW. about 10 chs. distant, thence N. Dense spruce timber along bottom of ravine, also, coal indications extend NW. and SE. along ravine. Ascend abruptly.

68.80 Spur, 160 ft. above ravine, projects N. about 10 chs. distant; leave timber, bears S.20°E. and NW.; descend NW. slope 30 ft. to

71.64 The reestablished cor. of secs. 11,12,13 and 14.

Note: The distance of the line bet. secs. 12 and 13, from the reestablished cor. of secs. 11,12,13 and 14 to the cor. of secs. 7,12,13 and 18 on the E. bdy. of the Tp. is approximately 8.00 chs. shorter than that returned

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

in the notes of the original survey. This shortage, in general, is found to exist bet. the original  $\frac{1}{4}$  sec. cor. bet. secs. 12 and 13 and the cor. on the E. bdy. and the following facts concerning this discrepancy are revealed in the retracement of the subdivisions in T.13 S., R.8 E.;

That the original  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 15 is the nearest extant original cor. in a latitudinal position west of the  $\frac{1}{4}$  sec. cor. bet. secs. 12 and 13 and that the distance of the line connecting these cors. is consistent with the record.

That the actual topography on the ground bet. the  $\frac{1}{4}$  sec. cor. bet. secs. 12 and 13 and the  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 15 is consistent with that which is reported in the field notes of the original survey.

That, when counting distances and reckoning topography west from the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp. to the  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 15, the actual topography is discordantly related to that returned in the original record.

That, with the exception of a spur, 4.27 chs. east of the  $\frac{1}{4}$  sec. cor. bet. secs. 12 and 13 no part of the actual topography on the east half mile bet. secs. 12 and 13 can be made to agree with the record.

In the absence of any physical evidence, the cor. of secs. 11, 12, 13 and 14 was reestablished by proportionate measurement, and the position of the cor. so determined is in harmony with the position of said cor. as described in the original record. Further, several dilapidated mounds of stone, presumably established by local engineers, were noted near the reestablished cor. of secs. 11, 12, 13 and 14, while on the other hand no evidence of local surveys was noted at a record position west of the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., nor could this position be made in any way to agree with data as recorded in the

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
	notes of the original survey.
	Land, rough mountainous; general N. exposure and drainage to Spring Canyon.
	Soil, brown mountain loam and rocky of sandstone formation; 2nd. and 3rd. rates.
	Timber, scattering patches of spruce and aspen.
	Undergrowth, clusters of oak, service berry, buck and sagebrush.
	Good grass for grazing.
	<hr/>
	N.3°38'W., on true line bet. secs. 11 and 12.
	Descend NW. slope over rough mountainous land through short undergrowth.
.75	Enter dense spruce timber, bears E. and SW.
3.20	Ravine, 125 ft. below sec. cor., drains NE. about 7 chs. to junction with ravine from the SE., thence N.; leave timber, bears NE. and SW. Thence along rugged E. slope through dense undergrowth.
19.92	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for south sixteenth-sec. cor. bet. secs. 11 and 12, with brass cap marked
	$\begin{array}{c} 1 \\ s \overline{16} \\ s11 \quad   \quad s12 \\ 1925 \end{array}$
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
25.00	Point of ridge, 115 ft. above ravine, falls NE.; leave dense undergrowth, bears E. and W. Descend abruptly N. slope.
29.50	Enter spruce and aspen timber, bears NE. and SW.
37.80	Bottom of Spring Canyon and wash, 1 ch. wide, 20 ft. deep, channel dry, 450 ft. below point of ridge, drains E.; leave timber, bears E. and W. Begin steep ascent over rugged S. slope of canyon broken by sandstone and quartz ledges and through dense, tall undergrowth.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

39.84 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S11 \quad | \quad S12 \\ | \\ 1925 \end{array}$$

from which

A spruce, 14 ins. diam., bears S. 84° W., 210 lks. dist., marked  $\frac{1}{4}$  S 11 B T

Face of sandstone outcropping, bears East, 4 lks. distant, marked X B O S 12

Cor. stands on steep, nearly S. slope in dense undergrowth 50 ft. above bottom of Spring Canyon and at the base of E. end of a sandstone outcropping which extends N. 80° W.

Continue abrupt ascent.

57.50 Spur, 425 ft. above canyon, projects SW.; gradually descend along nearly W. slope.

59.76 Point for north sixteenth- sec. cor. bet. secs. 11 and 12 falls on W. face of a sandstone outcropping where I am unable to perpetuate cor., therefore, at

59.86 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound of stone for witness cor. to the north sixteenth-sec. cor. bet. secs. 11 and 12, with brass cap marked

$$\begin{array}{c} \frac{1}{16} \\ | \\ N \quad \frac{1}{16} \\ | \\ S11 \quad | \quad S12 \\ | \\ W \quad C \\ | \\ 1925 \end{array}$$

from which

A sandstone outcropping, bears East, 4 lks. dist., marked X B O S 12

A pinon, 10 ins. diam., bears S. 6° W., 54 lks. dist., marked W C N  $\frac{1}{16}$  S 11 B T

Cor. stands on steep W. slope about 2 chs. E. of a

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

prominent quartz outcropping.

Continue along W. slope.

63.00 Draw, drains SW.; ascend abruptly S. slope.

73.00 Top of high ridge and divide bet. Left Fork and Burnt Tree Fork of Spring Canyon, 500 ft. above draw, bears N.60°W. and S.80°E.; leave tall undergrowth and descend abruptly over N. slope near east side of dense aspen thicket.

79.68 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 1,2,11 and 12, with brass cap marked

T13S	R8E
32	51
S11	S12
1925	

from which

A spruce, 10 ins.diam.,bears N.59<sup>1</sup>/<sub>2</sub>°E., 17 lks.

dist.,marked T 13 S R 8 E S 1 B T

A spruce, 8 ins.diam.,bears S.10<sup>1</sup>/<sub>2</sub>°E., 60 lks.

dist.,marked T 13 S R 8 E S 12 B T

A spruce, 10 ins.diam.,bears S.72<sup>1</sup>/<sub>2</sub>°W., 41 lks.

dist.,marked T 13 S R 8 E S 11 B T

A spruce, 14 ins.diam.,bears N.62<sup>1</sup>/<sub>2</sub>°W., 58 lks.

dist.,marked T 13 S R 8 E S 2 B T

Cor. stands on steep N. slope, 180 ft. below ridge and in east edge of dense aspen and scattering spruce timber.

From this cor., a sandstone, 12x8x3 ins., loosely set in the ground and surrounded by a few small stones, marked with 3 notches on N. and 5 notches on S. edge, bears N.71°22'W., 1.75 chs. distant. The dimensions of this stone and the markings thereon are inconsistent with the record; also, there are no accessories at the monument. Monument stands on steep N. slope of mountain in dense aspen thicket and immediately S, of the head of a draw draining N.10°E. This position is greatly



# DEPENDENT RESERVE OF THE SUBDIVISION OF T. 13 S. R. 1 E.

Chas Ins

at variance and in no way can be made to agree with the position for the cor. of secs. 1, 2, 11 and 12 as described in the field notes of the original survey. (See field notes of lines bet. secs. 11 and 12 and bet. secs. 1 and 2; original survey). Therefore, it is concluded that this cor. is of local origin and is not accepted or used in the control of this reserve. I efface marks on the stone.

Land, rough mountainous; general N. and S. exposure and drainage to forks of Spring Canyon which drain E. Soil, brown mountain loam, gravelly and rocky of sandstone and quartz formation; 2nd. and 4th. rates. Timber, scattering patches of dense aspen and spruce. Undergrowth, oak, sage, service berry, buck brush and mahogany.

Tall mountain grass on N. slopes suitable for grazing.

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From the reconstructed original cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp., described on page 18 in this book of field notes.

3.89° 12' W., on true line bet. secs. 1 and 12.

Descend abruptly general SW. slope of ridge over rough mountainous land through scattering scrub timber and undergrowth.

- 2.50 Draw, 90 ft. below sec. cor., drains SW.; gradually ascend.
- 4.40 Spur, 30 ft. above draw, projects SW.; descend abruptly.
- 8.00 Draw, 90 ft. below spur, drains SW.; gradually ascend.
- 10.70 Low spur, projects SW.; descend abruptly.
- 14.70 Draw, 100 ft. below spur, drains SW.; gradually ascend.
- 16.20 Spur, projects S. about 2 chs. distant.; descend.
- 17.45 Small frame house on line; this house is near the south end of Norton Mining camp and other houses extend northwesterly along the bottom of canyon.
- 19.55 Old tramway, bears NW. and SE.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

21.00 Road, bears NW. to Morton Mining camp and SE. to Helper, Utah.

21.70 Rock building, 20x30 ft. on line; this building is used for a blacksmith shop by the Mutual Coal Co.

22.40 Bottom of Burnt Tree Fork of Spring Canyon and small stream of water, course SE.; ascend abruptly E. slope, entering tall, dense undergrowth.

22.75 Power line, bears NW. and SE.

35.00 Top of steep ascent and leave tall undergrowth, bears N. and S.; thence along general N. slope.

39.08 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} S 1 \\ S 12 \\ 1925 \end{array}$$

from which

An aspen, 6 ins. diam., bears S. 62° W., 38 lks.

dist., marked  $\frac{1}{4}$  S 12 B T

No other suitable bearing trees are available, and other accessories are impracticable.

Cor. stands on N. slope, 470 ft. above canyon, in east edge of small brushy thicket.

Continue along N. slope.

46.20 Spur, 80 ft. above  $\frac{1}{4}$  sec. cor., projects N., descend abruptly.

55.50 Ravine, 250 ft. below spur, drains N.; enter dense, tall undergrowth and scattering timber, bears N. and S.; ascend abruptly.

57.00 Leave timber, bears N. and S.

58.63 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for west sixteenth sec. cor. bet. secs. 1 and 12, with brass cap marked

$$W \begin{array}{r} 1 \\ 16 \end{array} \begin{array}{r} S 1 \\ S 12 \\ 1925 \end{array}$$

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.13 E.

Chains	<p>from which</p> <p>A spruce, 6 ins.diam., bears N.88°E., 84 lks. dist., marked W 1/16 S 1 B T</p> <p>A spruce, 12 ins.diam., bears S.70½°E., 186 lks. dist., marked W 1/16 S 12 B T</p> <p>Continue abrupt ascent.</p> <p>70.00 Leave tall undergrowth, bears N. and S.</p> <p>70.50 Spur, 390 ft. above ravine, projects and descends N.; from this point the north house in Morton Mining camp, bears N.68°45'E. Gradually descend across head of swale draining N.</p> <p>78.17 The reestablished cor. of secs. 1,2,11 and 12. Land, rough mountainous; general N. and SW. exposure and drainage into fork of Spring Canyon which drains SE. Soil, gravelly, rocky and mountain loam; sandstone and quartz formation; 2nd. and 4th. rates. Timber, scattering clusters of spruce, pine and aspen. Undergrowth, patches of dense, tall, oak, service berry, maple and buck brush. Considerable mountain grass on the N. slopes suitable for grazing.</p> <hr/> <p>N.3°19'E., on true line bet. secs. 1 and 2. Descend abruptly over rough mountainous land through scattering timber and dense, tall undergrowth.</p> <p>6.00 Draw, near head, drains N.10°E.; leave timber, bears E. and W.; begin descent over northeasterly slope.</p> <p>19.91 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for south sixteenth sec. cor. bet. secs. 1 and 2, with brass cap marked</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} 1 \\ \hline S \ 16 \\ \hline S2 \quad S1 \end{array}</math> </div> <p>1925</p> <p>from which</p>
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## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

An aspen, 8 ins. diam., bears S. 76° E., 191 lks.  
dist., marked S 1/16 S 1 B T

No other suitable bearing trees are available  
and other accessories are impracticable.

Cor. stands on steep E. slope in dense oak brush.

24.00 Bottom of Burnt Tree Fork of Spring Canyon, 600 ft. below  
sec. cor., drains SE.; ascend through dense oak brush.

29.00 Old road, bears NW. and SE.

29.50 Leave dense, tall undergrowth, bears NW. and SE.; ascend  
abruptly over general S. slope.

39.82 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
the ground for 1 sec. cor., with brass cap marked

$\uparrow$   
 S2 | S1  
 1925

Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

Cor. stands on steep SW. slope, 300 ft. above canyon.

Continue precipitous ascent over S. slope.

54.00 High, rocky ridge spur, 480 ft. above 1 sec. cor.,  
bears NW. and SE.; descend abruptly over N. and NE.  
slopes entering dense, tall undergrowth.

79.75 The reconstructed original cor. of secs. 1, 2, 35 and 36  
on the N. bdy. of the Tp. heretofore described, 600  
ft. below ridge.

Land, rough mountainous; general N. and S. exposure and  
drainage into canyons which drain SE.

Soil, mountain loam, gravelly and rocky of sandstone and  
limestone formation; 2nd. and 4th. rates.

Timber, scattering spruce on south portion of mile.

Undergrowth, oak, sage, service berry, maple, buck brush  
mahogany and mountain grass.

Good grazing on portions of mile.

From the reconstructed original cor. of secs. 2, 3, 34 and  
35 on the south boundary of the Tp. heretofore described.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

N.0°01'E., on true line bet. secs. 34 and 35.

Gradually ascend over rolling mountainous land through scattering undergrowth.

7.10 Ridge, 30 ft. above sec. cor., bears NW. and SE.;  
gradually descend.

16.00 Begin abrupt descent, bears SE. and W.

23.50 Base of descent and enter bottom lands of Gordon Creek  
Canyon, bears E. and W.

27.15 Wash, drains E.

30.00 Main bottom of Gordon Creek Canyon and wash, 50 lks. wide,  
30 ft. deep; stream of alkaline water, 6 lks. wide, 3  
ins. deep in wash, course SE.

30.11 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x12x5  
ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face,  
and witnessed by a mound of stone, 2 ft. base, 2 ft.  
high, W. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S34 | S35  
1925

from which

A pinon, 10 ins. diam., bears N.27 $\frac{1}{4}$ °E., 123 lks.  
dist., marked  $\frac{1}{4}$  S 35 B T

A cedar, 4 ins. diam., bears N.19 $\frac{1}{4}$ °W., 135 lks.  
dist., marked  $\frac{1}{4}$  S 34 B T

Cor. stands at base of SW. slope at edge of bottom land  
on N. side of Gordon Creek Canyon, 300 ft. below ridge.

Thence

N.0°21'W., with continuous measurement.

Ascend abruptly SW. slope through scattering timber.

47.70 Top of small ledge and N. rim of canyon, 130 ft. above  
 $\frac{1}{4}$  sec. cor., bears NW. and SE.; thence over broken land.

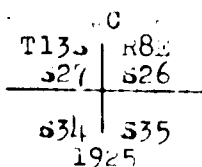
68.60 Road, bears NW. to Coal City and SE. to Price and Helper,  
Utah.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

77.14 The proportionate point for the cor. of secs. 26, 27, 34 and 35 will fall in cultivated field, therefore, at this point,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for witness cor. to the cor. of secs. 26, 27, 34, and 35, with brass cap marked



from which

A cedar, 6 ins. diam., bears S. 44° E., 230 lks.

dist., marked W C T 13 S R 8 E S 35 B T

A cedar, 6 ins. diam., bears S. 29° W., 196 lks.

dist., marked W C T 13 S R 8 E S 34 B T

No other suitable bearing trees available.

Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

Cor. stands in south edge of cultivated field, bears E.

and W.; thence across field.

80.52 Proportionate point for the cor. of secs. 26, 27, 34 and 35 falls in field.

Deposit a sandstone, 12x10x3 ins., marked with a cross (X) on top, even with the surface of the ground.

Land, rolling mountainous and broken bench land; general S. exposure and drainage.

Soil, brown loam, clay and rocky of sandstone formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon on N. portion of mile.

Undergrowth, sagebrush, scattering service berry, oak and buck brush.

From the reconstructed cor. of secs. 25, 26, 35 and 36.

S. 89° 44' W., on true line bet. secs. 26 and 35.

Descend over rough, broken bench land through scrub timber and short undergrowth.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

- .05 Sandstone boulder in place, 3x2x2 ft. showing, marked with a cross (X) on top of same.
- 5.40 National Coal . Railroad, (now under construction) bears NW. and SE.; leave timber, bears NW. and SE.
- 12.40 Wash, 25 lks. wide, 20 ft. deep, drains SE.; gradually ascend.
- 22.00 Enter scrub timber, bears N. and S.
- 30.00 Low spur, projects S.; descend.
- 31.60 Gully, drains NW.; ascend.
- 33.60 Low spur, projects N.; gradually descend.
- 38.30 Wash, 25 lks. wide, 15 ft. deep, in draw, drains S.; ascend 60 ft. to
- 40.69 Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} S\ 26 \\ \hline \frac{1}{4} \\ S\ 35 \\ 1925 \end{array}$$
- from which
- A cedar, 6 ins. diam., bears S.  $81\frac{3}{4}^{\circ}$  W., 54 lks..  
dist., marked  $\frac{1}{4}$  S 35 B T
- A pinon, 10 ins. diam., bears N.  $32\frac{1}{2}^{\circ}$  W., 109 lks..  
dist., marked  $\frac{1}{4}$  S 26 B T
- Cor. stands on S. point of low spur, projects S. and about 5 chs. S. of the National Coal . Railroad.  
Gradually descend. .
- 42.50 Wash, 50 lks. wide, 10 ft. deep, in draw, 30 ft. below  $\frac{1}{4}$  sec. cor., drains S.; thence in draw.
- 43.75 Leave wash, comes from the SW.
- 47.60 Same wash, drains SE.; leave timber, bears NW. and SE.
- 58.40 Road, bears N. and S.
- 58.60 Fence and enter cultivated land, bears N. and S.
- 64.50 Leave field, bears N. and S.
- 69.80 Wash, 30 lks. wide, 20 ft. deep, drains SE.
- 71.80 Old road, bears NW. and SE.
- 76.40 Enter cultivated land, bears N. and S.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

- 81.38 The reestablished point for the cor. of secs. 26,27,34 and 35.  
Land, broken bench land; general S. exposure and drainage.  
Soil, brown and blue clay loam, gravelly and rocky of sandstone formation; 2nd. and 3rd. rates.  
Timber, scattering scrub cedar and pinon.  
Undergrowth, sagebrush, service berry and buck brush.
- 
- From the true point for the reestablished cor. of secs. 26,27,34 and 35.  
N.1°08'W., on true line bet. secs. 26 and 27.  
Over cultivated land.
- 4.20 National Coal . Railroad, (now under construction) bears E. and W.
- 9.20 Wash, 25 lks. wide, 15 ft. deep, drains SE.
- 19.20 Road, bears NW. and SE.
- 20.90 Leave cultivated land, bears E. and W.; enter broken and rolling bench land.
- 26.20 Wire fence, bears E. and W.
- 27.70 Enter oak brush, bears E. and W.
- 30.70 Leave oak brush, bears E. and W.
- 30.90 Wire fence, bears NW. and SE.
- 33.00 Enter scattering scrub timber and begin descent into draw, bears NW. and SE.
- 37.50 Bottom of draw, 60 ft. deep, drains SE.
- 40:42 The original  $\frac{1}{4}$  sec. cor. which is a sandstone, 10x12x4 ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face and witnessed by a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
No trace of the bearing tree described in the original record.  
Alongside cor.,  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E

Chains

$$\begin{array}{c} \frac{1}{2} \\ \text{S27} \quad | \quad \text{S26} \\ 1925 \end{array}$$

from which

A pinon, 10 ins.diam., bears N.39°E., 37½ lks.

dist., marked  $\frac{1}{2}$  S 26 B T

A pinon, 8 ins.diam., bears S.54½°W., 59 lks.

dist., marked  $\frac{1}{2}$  S 27 B T

Raise a mound of stone, 2 ft.base, 2 ft.high, W.of cor.  
Cor. stands near top of SW. slope and on E. side of a  
draw draining SE.

Thence

N.0°03'W., with continuous measurement.

78.10 Draw, drains SE.

80.71 The original cor. of secs. 22,23,26, and 27, which is a  
sandstone, 8x8x12 ins. above ground, firmly set, marked  
with 2 notches on E. and 2 notches on S. edge, and  
witnessed by a small mound of stone, W. of cor.  
Alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in  
the ground for cor. of secs. 22,23,26, and 27, with  
brass cap marked

$$\begin{array}{c} \text{T13S} \quad | \quad \text{R8E} \\ \text{S22} \quad | \quad \text{S23} \\ \text{S27} \quad | \quad \text{S26} \\ 1925 \end{array}$$

from which

A pinon, 6 ins.diam., bears N.75½°E., 325 lks.

dist., marked T 13 S R 8 E S 23 B T

No other bearing trees or objects available.

Raise a mound of stone, 2 ft.base, 2 ft.high, W.of cor.  
Cor. stands on gentle SE. slope about 2.50 chs. SW. of  
the base of a small knoll about 20 ft. high.

Land, rolling bench; general S. exposure and drainage.

Soil, brown clay loam streaked with gravel and rock of  
sandstone formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon on N. portion of mile.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Undergrowth, sagebrush, greasewood and oak.

From the true point for the reestablished cor. of secs.  
23, 24, 25 and 26.

N. 89° 13' W., on true line bet. secs. 23 and 26.

Over rough mountainous land; descend precipitous S. and  
SW. slopes broken by high sandstone ledges.

28.00 Base of steep descent; continue descent over talus slope  
facing SW., through scattering scrub timber and short  
undergrowth.

39.25 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 23  
S26  
1925

from which

A pinon, 6 ins. diam., bears S. 70° E., 43 lks.  
dist., marked  $\frac{1}{4}$  S 26 B T

A pinon, 8 ins. diam., bears N. 11 $\frac{1}{2}$ ° W., 18 lks.  
dist., marked  $\frac{1}{4}$  S 23 B T

Cor. stands on general W. slope at SE. end of sandstone  
outcropping 20 ft. high. and 50 ft. long bearing NW,  
and SE., 700 ft. below sec. cor. point.

41.50 Draw, 50 ft. below  $\frac{1}{4}$  sec. cor., drains S. 20° W.; ascend.

57.30 Spur, 50 ft. above draw, projects SW.; descend.

63.70 Draw, 180 ft. below spur, drains S.; ascend over bench  
land 60 ft. to

78.50 The cor. of secs. 22, 23, 26 and 27.

Land, E. portion of mile precipitous S. and SW. breaks  
of high mountain, broken by sandstone ledges 20 to  
50 ft. high; central portion rough talus slope strewn  
with large sandstone boulders and western portion,  
rolling and broken bench. General exposure and drainage  
west.

Soil, blue clay and rocky of sandstone formation; 4th.  
rate.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.6 E.

Chains

Timber, scattering scrub cedar and pinon.

Undergrowth, sage, scattering service berry and oak brush.

N.0°37'E., on true line bet. secs. 22 and 23.

Gradually ascend over broken bench land through scattering timber and short undergrowth.

14.40 Top of knoll; continue over bench.

33.50 Leave bench, enter rough mountainous land and dense timber, bears NE. and SW.; descend.

38.40 Gulch, 60 ft. deep, drains SW.; ascend.

40.52 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ | \\ S22 \quad | \quad S23 \\ 1925 \end{array}$$

from which

A pinon, 12 ins.diam., bears N.22°E., 38 lks.  
dist., marked  $\frac{1}{4}$  S 23 B TA pinon, 14 ins.diam., bears S.89°W., 48 lks.  
dist., marked  $\frac{1}{4}$  S 22 B T

Cor. stands on steep W. slope of a point which falls SW.

Continue along W. slope through dense timber.

45.30 Canyon, drains SW.; begin abrupt ascent over rocky talus slope facing SE.

60.78 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for north sixteenth-section cor. bet. secs. 22 and 23, with brass cap marked

$$\begin{array}{c} \frac{1}{16} \\ | \\ N \quad | \\ S22 \quad | \quad S23 \\ 1925 \end{array}$$

No suitable bearing trees available and other accessories at this cor. are impracticable.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Cor. stands on steep talus slope facing SE., 450 ft. above canyon.

61.85 Base of series of sandstone ledges and high break of mountain, bears NE. and SW.; ascend abruptly.

80.00 High mountain spur and top of steep ascent, 1340 ft. above sec. cor., projects SE.; thence along W. slope.

81.04 The original cor. of secs. 14, 15, 22 and 23, which is a sandstone, 8x8x6 ins. above ground, firmly set, marked with 3 notches on S. and 2 notches on E. edge; no accessories to cor.

Alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T13S	R8E
S15	S14
S22	S23
1925	

from which

Face of sandstone outcropping, marked X BO S 23, bears S. 44° E., 34 lks. distant.

Sandstone boulder, 4x4x4 ft. showing, marked X BO S22, bears S. 24° W., 38 lks. distant.

No suitable bearing trees nor other bearing objects are available.

Cor. stands on open W. slope of top of high mountain spur, projects SW.

Land, broken bench on S. 33.50 chs. and rough mountains on remainder of mile, a portion of which consists of a high break, broken and rimmed with sandstone ledges. General S. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, cedar and pinon with scattering spruce on N. portion of mile.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

Undergrowth, sage, oak, service berry and buck brush.

From the reestablished cor. of secs. 13, 14, 23 and 24.

N.  $86^{\circ}53'$  W., on true line bet. secs. 14 and 23.

Over mountainous land in bottom of Wildcat Canyon, through dense timber and undergrowth.

- 3.00 Bottom of canyon and wash, 30 lks. wide, 20 ft. deep, drains SE.; ascend abruptly NE. slope.
- 5.00 Leave timber, continue through dense undergrowth, bears NW. and SE.
- 18.00 Point, 400 ft. above canyon, projects N.; leave dense undergrowth. Thence along N. slope.
- 23.00 Draw, drains NE.; dense spruce timber along bottom of draw; reenter dense, tall undergrowth and begin precipitous ascent over E. slope.
- 25.50 Ledge, 30 ft. high, bears N. and S.
- 32.30 Top of steep ascent, 630 ft. above draw, bears N. and S.; continue to ascend.
- 35.50 Spur, 50 ft. above top of steep ascent, projects N.  $30^{\circ}$  E.; thence along N. slope.
- 37.42 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x10x5 ins., loosely set in the ground, marked  $\frac{1}{4}$  on N. face and witnessed by a scattered mound of stone N. of cor. Set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone and stand original cor. monument alongside post for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S14  
 S23  
 1925

from which

A spruce, 12 ins. diam., bears S.  $49\frac{1}{2}^{\circ}$  W., 107 lks.

dist., marked  $\frac{1}{4}$  S 23 B T

A spruce, 16 ins. diam., bears N.  $58\frac{1}{2}^{\circ}$  W., 102 lks.

dist., marked  $\frac{1}{4}$  S 14 B T

Cor. stands on steep, general N. slope in edge of dense

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
	Spruce timber.
	Thence
	N.89°17'W., with continuous measurement.
	Descend abruptly NW. slope through dense timber.
40.55	Draw, 110 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend abruptly.
43.40	Leave timber, bears N. and S.
45.00	Point, 145 ft. above draw, projects N.; gradually descend.
47.00	Enter dense timber and tall undergrowth, bears NW. and SE.
48.60	Draw, 30 ft. below point, drains NE.; ascend abruptly.
52.00	Leave tall undergrowth and timber, bears NW. and S.; continue ascent over grassy slope.
57.14 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for west sixteenth section cor. bet. secs. 14 and 23, with brass cap marked
	$\begin{array}{r} \frac{1}{16} \quad S14 \\ \hline W \quad 16 \quad S23 \\ 1925 \end{array}$
	from which
	Point on sandstone boulder, 4x3x2 ft., marked
	X BO S14, bears N.1°E., 28 lks. distant.
	Point on sandstone boulder, 4x3 ft., marked
	S BO S23, bears S.65 $\frac{1}{2}$ °W., 18 lks. distant.
	From this cor. U.S. Geological Survey Bench Mark, located on a high point of ridge, bears N.45°W., approximately 10 chs. distant.
	Cor. stands on top of high mountain ridge, 270 ft. above draw, bearing NW. and SE.
	Descend abruptly into head of canyon, entering large timber and medium growth of underbrush.
62.50	Bottom of canyon, near head, 140 ft. below ridge, drains SW.; ascend steep S. and SE. slopes.
75.80	High ridge spur, 200 ft. above head of canyon, projects SW.; leave timber and undergrowth, bears NW. and SW.; descend 10 ft to.
76.87	The reconstructed original cor. of secs. 14, 15, 22 and 23.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S. R. 2 E.

Chains

Land, high, rough, broken mountains; general NE. exposure on E. 57.14 chs. and S. exposure on remainder of mile. Drainage S.

Soil, brown mountain loam, streaked with rock and sandstone outcroppings; 2nd. and 4th. rates.

Timber, scattering patches of dense spruce.

Undergrowth, oak, sage, service berry, buck, maple and willow brush.

Considerable grass on the N. slopes suitable for grazing.

N. 0° 59' W., on true line bet. secs. 14 and 15.

Descend along grassy and rocky W. slope, over mountainous land.

4.00 Swale or head of draw, drains S. 70° W.; ascend.

8.00 Spur, 50 ft. above head of draw, projects S. 70° W.; descend abruptly NW. slope broken by sandstone outcroppings.

13.00 Head of ravine, 150 ft. below spur, drains S. 80° W.; ascend abruptly broken SW. slope.

24.00 High ridge, 250 ft. above head of ravine, bears NW. and SE.; descend N. slope.

28.00 Enter aspen timber and dense undergrowth, bears E. and W.

36.50 Draw, 220 ft. below ridge, drains NE.; thence along E. slope.

39.56  $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S15 | S14  
 1925

from which

An aspen, 6 ins. diam., bears N. 10  $\frac{1}{2}$ ° E., 100 lks. dist., marked  $\frac{1}{4}$  S 14 E T

An aspen, 8 ins. diam., bears N. 61° W., 73 lks.

dist., marked  $\frac{1}{4}$  S 15 E T

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Cor. stands on E. slope in small opening in aspen timber.

41.00 Small spur, projects E.; descend general NE. slope.

50.20 Bottom of Wildcat Canyon, heads about 15 chs. NW., 100 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; leave timber, bears NW. and SE., thence ascend general S. slope through scattering oak and dense sagebrush.

59.34 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for north sixteenth-section cor. bet. secs. 14 and 15, with brass cap marked

	1	
	N $\frac{1}{16}$	
S15		S14

1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Cor. stands on S. slope, 250 ft. above Wildcat Canyon.

Continue ascent.

64.00 Top of high ridge divide between fork of Spring Canyon and Wildcat Canyon, 50 ft. above N.  $\frac{1}{16}$  sec. cor., bears N. 70° W. and S. 70° E.; leave oak brush and begin descent over N. slope through tall mountain grass and scattering patches of service berry brush.

72.00 Enter aspen and very scattering spruce timber, bears E. and W.

79.00 Draw, 325 ft. below ridge, drains NE.

79.13 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 10, 11, 14 and 15, with brass cap marked

T13S	R8E
S10	S11
S15	S14
1925	

from which

An aspen, 6 ins. diam., bears N. 41 $\frac{3}{4}$ ° E., 36 lks.

dist., marked T 13 S R 8 E S 11 B T

An aspen, 8 ins. diam., bears S. 27 $\frac{3}{4}$ ° E., 40 lks.

dist., marked T 13 S R 8 E S 14 B T



DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

An aspen, 6 ins.diam., bears S.63 $\frac{1}{2}$ °W., 36 lks.

dist.,marked T 13 S R 8 E S 15 B T

An aspen, 7 ins.diam.,bears N.12 $\frac{1}{2}$ °W., 62 lks.

dist.,marked T 13 S R 8 E S 10 B T

Cor. stands near bottom of draw draining NE.; junction of draws from the SW. and SE., bears NE. about 5 chs. distant.

Land, rough mountains with general N. and S. slopes of ridges into canyons and draws draining SE. and E.

Soil, brown mountain loam streaked with gravel and rock of sandstone formation; 2nd. and 4th. rates.

Timber, scattering patches of dense aspen and scattering spruce.

Undergrowth, oak, sage, service berry, buck and willow brush.

Good growth of mountain grass, suitable for grazing.

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From the reestablished cor. of secs. 11,12,13, and 14. N.88°35'W., on true line bet. secs. 11 and 14.

Descend NW. slope over mountainous land through dense timber and scattering undergrowth.

2.05 Draw, 45 ft. below sec. cor., drains NE.; ascend abruptly E. slope of high ridge.

3.75 Enter dense oak brush, bears NE. and SW.

6.30 Leave timber, bears NE. and SW.

17.30 Leave oak brush and enter aspen thicket, bears N. and S.

18.00 Leave thicket, bears N. and S.

19.91 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and in a large mound of stone for east sixteenth-section cor. bet. secs. 11 and 14, with brass cap marked

$$\begin{array}{r} \text{E. } \frac{1}{16} \text{ --- } \frac{\text{S11}}{\text{S14}} \\ 1925 \end{array}$$

from which

An aspen, 6 ins.diam.,bears N.88°E., 212 lks.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

dist., marked E  $1/16$  S 11 B T

An aspen, 6 ins. diam., bears S.  $74^{\circ}$  E., 202 lks.

dist., marked E  $1/16$  S 14 B T

Cor. stands on E. brink of ridge, 630 ft. above draw,  
bears N. and S.

Thence along grassy and rocky N. slope.

21.70 Ridge, bears N. and S.; descend abruptly NW. slope.

32.00 Enter dense spruce timber, bears NW. and SE.

36.55 Canyon, 480 ft. below ridge, drains N.; ascend abruptly  
105 ft. to

39.81 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \frac{S11}{S14} \\ 1925 \end{array}$$

from which

A spruce, 16 ins. diam., bears N.  $75\frac{3}{4}^{\circ}$  E., 38 lks.

dist., marked  $\frac{1}{4}$  S 11 B T

A spruce, 8 ins. diam., bears S.  $70\frac{1}{2}^{\circ}$  E., 31 lks.

dist., marked  $\frac{1}{4}$  S 14 B T

Cor. stands on steep N. slope in dense spruce timber, 50  
lks. S. of a small draw draining E.

Continue along N. slope.

43.00 Draw, drains nearly E.; ascend abruptly E. slope.

47.60 Leave dense spruce timber, enter scattering aspen and  
oak brush, bears NE. and S.

56.25 Spur, 525 ft. above  $\frac{1}{4}$  sec. cor., projects N.  $30^{\circ}$  E.; leave  
timber and undergrowth, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.

Thence along grassy and rocky N. slope across head of  
draw draining N.

59.72 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in  
the ground on solid rock and 18 ins. in a mound of  
stone for west sixteenth-section cor. bet. secs. 11 and  
14, with brass cap marked

Chains

$$\begin{array}{r} 1 \text{ S11} \\ W \text{ 16} \\ \hline \text{S14} \\ 1925 \end{array}$$

Impracticable to build accessories at this cor.

- 62.60 Spur, projects N.35°W.; an old sheep corral on E. side of top of this spur, bears N.35°W. approximately 10 chs. distant. Descend abruptly over general W. slope.
- 72.50 Enter dense aspen and scattering spruce timber, bears N. and S.
- 75.00 Draw, 335 ft. below spur, drains NW.; ascend.
- 78.00 Low spur, projects N.; gradually descend.
- 79.40 Draw, drains NE.; ascend.
- 79.63 The reestablished cor. of secs. 10, 11, 14 and 15.
- Land, rough mountainous; general N. exposure and drainage to fork of Spring Canyon which drains E.
- Soil, brown mountain loam streaked with gravel and rock of sandstone formation; 2nd. and 3rd. rate.
- Timber, dense aspen and spruce thickets.
- Undergrowth, sage, service berry, oak, maple and buck brush.
- Good growth of mountain grass, suitable for grazing.

N.2°32'W., on true line bet. secs. 10 and 11.

Over rough mountainous land through dense timber and scattering undergrowth. Descend E. and NE. slopes along W. side of draw.

- 14.85 Bottom of draw, 170 ft. below sec. cor., drains N.30°W.; leave timber and enter dense undergrowth of oak brush, bears N.30°W. and SE.; gradually ascend along SW. and W. slopes.
- 19.80 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for south sixteenth-section cor. bet. secs. 10 and 11, with brass cap marked

$$\begin{array}{r} 1 \\ 3 \text{ 16} \\ \hline \text{S10} \quad | \quad \text{S11} \\ 1925 \end{array}$$

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Cor. stands on steep W. slope in N. edge of dense oak brush.
	Continue along W. slope leaving tall undergrowth.
25.50	Spur, projects NW.; descend abruptly over N. slope.
26.00	Enter spruce and aspen timber and tall oak, service berry and buck brush, bears NW. and SE.
37.40	Bottom of fork of Spring Canyon, dry, 375 ft. below spur, drains N. $60^{\circ}$ E.; leave timber, ascend abruptly S. slope through dense undergrowth.
39.60	Proportionate point. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \text{S10} \quad   \quad \text{S11} \\ 1925 \end{array}$
	from which
	A spruce, 18 ins. diam., bears S. $5^{\circ}$ E., 266 lks. dist., marked $\frac{1}{4}$ S 11 B T
	A spruce, 14 ins. diam., bears S. $2\frac{1}{2}^{\circ}$ W., 267 lks. dist., marked $\frac{1}{4}$ S 10 B T
	Cor. stands on steep S. slope, 105 ft. above canyon. Continue abrupt ascent over S. slope.
53.50	Spur, 285 ft. above $\frac{1}{4}$ sec. cor., projects N. $80^{\circ}$ E.; leave dense undergrowth and descend abruptly over N. slope.
58.80	Enter scattering spruce timber and maple undergrowth, bears E. and W.
64.60	Enter aspen timber, bears E. and W.
67.00	Canyon, 355 ft. below spur, drains SE.; leave timber, bears NW. and SE. and ascend abruptly 300 ft. over S. slope through dense, tall undergrowth.
79.20	Proportionate point. Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with brass cap marked

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S. 24 E.

Chains

T13S	R8E
S3	S2
S10	S11
1925	

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Land, rough mountainous; general N. and S. slopes of ridges and spurs into canyons draining E.

Soil, brown loam and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, dense aspen and spruce thickets on the N. slopes and in bottoms of the canyons.

Undergrowth, oak, sage, service berry, maple, buck brush and willow.

Good growth of mountain grass, suitable for grazing.

From the reestablished cor. of secs. 1, 2, 11 and 12. N.  $88^{\circ}49'$  W., on true line bet. secs. 2 and 11.

Ascend along N. slope over mountainous land through dense aspen and scattering pine thicket and service berry brush.

3.70 Leave timber, bears N. and S.; continue ascent over grassy slope.

15.20 Top of high ridge divide between forks of Spring Canyon, 140 ft. above sec. cor., bears SE., NW. about 2 chs. thence W.; thence along S. slope of top of ridge through scattering oak brush.

19.54 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for east sixteenth-section cor. bet. secs. 2 and 11 with brass cap marked

$\frac{1}{16}$	S2
E	S11
1925	

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Cor. stands in low saddle in top of ridge divide bet. forks of Spring Canyon bearing nearly E. and W. Continue along top of S. slope of ridge.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
24.50	Leave ridge, bears NW. and E.; ascend along S. slope entering scattering oak brush.
27.40	Spur, 50 ft. above $\frac{1}{16}$ sec. cor., projects SW. about 5 chs. distant, thence SE.; descend W. and SW. slopes 100 ft. to
39.09	Proportionate point. Set an iron post, 3 ft. long, 1 in. in dia., $\frac{1}{4}$ ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> <math>\frac{1}{4}</math> <math>\frac{S\ 2}{1925}</math> </div>
	Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Cor. stands on steep S. slope at head of draw draining S. Ascend abruptly.
44.50	Spur, 80 ft. above $\frac{1}{4}$ sec. cor., projects S.; descend abruptly W. and SW. slopes.
59.15	Draw, 455 ft. below spur, drains S.; ascend abruptly.
69.85	Spur, 175 ft. above draw, projects SE.; descend 300 ft. to
78.18	The reestablished cor. of secs. 2, 3, 10 and 11. Land, rough mountainous; N. exposure and drainage on E. 15.20 chs. and S. exposure and drainage on remainder of mile. Soil, brown and gray clay loam streaked with rock of sandstone formation; 2nd. and 4th. rates. Timber, aspen and scattering spruce on eastern portion of mile. Undergrowth, oak, sage, service berry, buck brush and maple. Considerable grass suitable for grazing.
	<hr/> N. $3^{\circ}01'E.$ , on true line bet. secs. 2 and 3. Ascend abruptly general S. slope over rough mountainous land through dense, tall undergrowth.
.70	Top of steep ascent and leave dense undergrowth, bears E. and W.; thence along W. slope gradually ascending.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T113 S. R10

## Chains

- 6.90 Draw, 35 ft. above top of steep ascent, drains W. about  
3.00 chs. thence S.; ascend abruptly.
- 16.80 Enter dense oak brush, bears E. and W.
- 21.00 Leave dense oak brush, bears E. and W.
- 21.40 Top of high ridge and divide bet. forks of Spring Canyon,  
500 ft. above draw, bears NW. and SE.; descend abruptly  
over N. slope.
- 24.00 Enter dense aspen timber and tall undergrowth, bears E.  
and W.
- 37.50 Canyon, 440 ft. below ridge, drains S. 70° E.; ascend.
- 38.70 Leave timber, bears NW. and SE.
- 39.61 $\frac{1}{2}$  Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{c} \frac{1}{4} \\ | \\ S3 \quad | \quad S2 \\ 1925 \end{array}$$
- from which
- An aspen, 5 ins. diam., bears S. 1° W., 159 lks.  
dist., marked  $\frac{1}{4}$  S 2 B T
- An aspen, 4 ins. diam., bears S. 22° W., 146 lks.  
dist., marked  $\frac{1}{4}$  S 3 B T
- Cor. stands on steep S. slope, 50 ft. above canyon.  
Continue abrupt ascent.
- 46.70 Spur, 300 ft. above  $\frac{1}{4}$  sec. cor., projects S. 70° E.;  
descend abruptly over N. slope.
- 50.50 Enter aspen thicket, bears E. and W.
- 55.10 Old log road, bears E. and W.
- 55.20 Head of large draw, 275 ft. below spur, drains NE.;  
ascend abruptly.
- 63.70 Spur, 200 ft. above draw, projects NE.; descend abruptly  
N. slope entering scattering pine timber, bears NE.  
and SW.
- 75.00 Old log road, bears E. and W.
- 77.50 Bottom of canyon, 350 ft. below spur, drains E.; ascend

Chains

abruptly.

78.00 Leave timber, bears E. and W.

79.23 The reconstructed original cor. of secs. 2 and 3 on the N. bdy. of the Tp. heretofore described.

Land, rough mountainous with general N. and S. slopes of ridges and spurs into canyons and draws draining E.

Soil, brown mountain loam streaked with rock of sandstone formation; 2nd. and 3rd. rates.

Timber, dense aspen and scattering pine thickets.

Undergrowth, dense, tall oak, service berry, maple, sage and buck brush.

Considerable grass suitable for grazing.

From the reconstructed original cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. heretofore described.

N. 0° 29' W., on true line bet. secs. 33 and 34.

Over rolling mountainous bench land through scattering undergrowth.

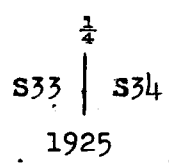
2.50 Road, bears NW. and SE.

6.60 Low rise, bears NW. and SE.; gradually descend.

40.31 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 18x7x2 ins., firmly set in the ground and small mound of stone and marked  $\frac{1}{4}$  on W. face; no accessories to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A scrub cedar, 3 ins. diam., bears N. 4° E., 15 1/4 lks. dist., marked BT

A scrub cedar, 3 ins. diam., bears S. 44 1/2° W., 186 lks. dist., marked BT

Cor. stands on south side, near bottom of a shallow draw draining SE.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Thence

N.0°10'W., with continuous measurement.

49.00 Shallow draw, 15 ft. below  $\frac{1}{4}$  sec. cor., drains SE.;  
gradually ascend.

52.00 Enter scattering scrub cedar and pinon timber, bears E.  
and W.

65.60 Low ridge, 60 ft. above draw, bears NW. and SE.; gradually  
descend.

68.80 Shallow draw, drains SE.; gradually ascend.

78.20 Low rise, bears E. and W.

80.52 The original cor. of secs. 27, 28, 33 and 34, which is a  
sandstone, 18x12x3 ins. above ground, firmly set,  
marked with 3 noches on E. and 1 notch on S. edge,  
and witnessed by a small mound of stone W. of cor.  
Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in  
the ground for cor. of secs. 27, 28, 33 and 34, with  
brass cap marked

T13S	R8E
S28	S27
S33	S34
1925	

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
No suitable bearing trees are available.

From this cor. the SE. cor. of the rock store building  
at Coal City, Utah, bears N.38°05'E.

Land, rolling and broken bench; general SE. exposure  
and drainage.

Soil, brown clay, sandy, gravelly and rocky of sandstone  
formation; 2nd. and 3rd. rates.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, sage, service berry and grass.

Fair grazing.

From the true point for the reestablished cor. of secs.  
26, 27, 34 and 35.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
	S.88°53'W., on true line bet. secs. 27 and 34. Over nearly level cultivated land.
17.10	Road, bears NW. to Coal City and SE. to Price and Helper, Utah.
21.25	Irrigation ditch, 4 ft. wide, flows SE.; leave cultivated land and enter timber and undergrowth, bears NW. and SE.
24.60	Ridge or brink of bench, bears NW. and SE.; descend.
40.86	The original $\frac{1}{4}$ sec. cor., which is a sandstone, 14x7x5 ins. above ground, firmly set, mkd. $\frac{1}{4}$ on N. face; from which A pinon, 14 ins. diam., bears S.26 $\frac{1}{2}$ °W., 52 lks. dist., marked $\frac{1}{4}$ S B T A pinon, 12 ins. diam., bears N.68 $\frac{1}{2}$ °W., 11 lks. dist., marked $\frac{1}{4}$ S B T Alongside original cor., Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \quad \begin{array}{r} S27 \\ S34 \\ \hline 1925 \end{array}$ The original bearing trees are in poor condition and the marks nearly obliterated, therefore, I mark new bear- ing trees as follows: A pinon, 17 ins. diam., bears S.66 $\frac{1}{2}$ °E., 27 lks. dist., marked $\frac{1}{4}$ S 34 B T A pinon, 16 ins. diam., bears N.42 $\frac{1}{2}$ °W., 22 lks. dist., marked $\frac{1}{4}$ S 27 B T Cor. stands on S. slope on N. side of Gordon Creek Canyon, 125 ft. below ridge. Thence N.89°20'W., with continuous measurement.
48.00	Leave timber, bears NW. and SE.
50.00	Stream, 5 lks. wide, 3 ins. deep, in wash 50 lks. wide, 20 ft. deep, in bottom of Gordon Creek Canyon, 70 ft. below $\frac{1}{4}$ sec. cor., course SE.; ascend.
57.50	Top of steep ascent and brink of bench, bears N. and S.; gradually ascend.
67.00	Telephone line, bears NW. and SE.
81.26	The reconstructed original cor. of secs. 27, 28, 33 and 34 285 ft. above Gordon Creek.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Land, rolling and broken bench; general SE. exposure.

Soil, sandy loam and rocky; 1st. to 4th. rates.

Timber, scrub cedar and pinon in central portion of mile.

Undergrowth, sage, service berry brush and grass.

N.0°02'E., on true line bet. secs. 27 and 28.

Over rolling bench land through very scattering scrub timber and short undergrowth.

1.60 Road, bears NE. and SW.

25.18 From this point the SE.cor.of rock store building at Coal City, bears N.63 $\frac{1}{4}$ °E., Gordon Creek road at underpass under National Coal Ry., bears N.30°E.; culvert bears N.40 $\frac{3}{4}$ °E.

25.30 Leave bench, bears NW. and SE.; descend abruptly NE.slope.

31.30 Rocky draw, 50 ft. deep, drains E.; ascend abruptly.

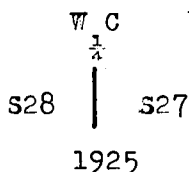
32.80 Telephone line, bears N.20°W. and S.20°E.

36.30 Spur, projects SE.; descend abruptly NE. slope.

36.50 From this point underpass under National Coal Ry., bears N.73°E.; culvert, bears S.86 $\frac{3}{4}$ °E.; cabin, bears N.15 $\frac{1}{2}$ °W. about 40 chs. distant.

40.00 Point for the reestablished  $\frac{1}{4}$  sec. cor. will fall on dirt bank of Gordon Creek Wash, therefore, I perpetuate cor. on safe ground at this point as follows:

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked



Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

40.12 $\frac{1}{2}$  Proportionate point for the  $\frac{1}{4}$  sec. cor. falls on dirt bank of Gordon Creek Wash, 30 ft. high, bears NW. and SE. It is impracticable to establish a corner at this point.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

- Chains**
- 43.30 Cordon Creek, 5 lks. wide, 5 ins. deep, in wash 30 ft. deep, drains SE.
- 44.50 Top of dirt bank, 30 ft. high and N. rim of Gordon Creek Wash, bears NW. and SE.; thence over bottom lands of Gordon Creek Canyon.
- 51.70 Fence and enter cultivated land, bears NW. and SE.
- 55.70 Fence and leave cultivated land, bears NW. and SE.
- 60.00 Canyon road, bears NW. and SE.; leave bottom lands of Gordon Creek; ascend SW. slope entering scattering scrub timber.
- 61.60 National Coal Railroad, (now under construction), bears N.35°W. and S.35°E.
- 73.90 Rail fence, bears N.75°W. and S.75°E.
- 74.00 Top of steep ascent, 150 ft. above Gordon Creek, bears NW. and SE.; thence over bench.
- 80.85 The original cor. of secs. 21, 22, 27 and 28, which is a sandstone, 16x8x8 ins., above ground, firmly set, marked with 3 notches on E. and 2 notches on S. edge; a few scattered stones around cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T13S	R8E
S21	S22
S28	S27
1925	

from which

A pinon, 8 ins.diam., bears N.35°E., 187 lks.

dist., marked T 13 S R 8 E S 22 B T

A pinon, 8 ins.diam., bears S.78½°E., 277 lks.

dist., marked T 13 S R 8 E S 27 B T

A pinon, 8 ins.diam., bears S.39½°E., 351 lks.

dist., marked T 13 S R 8 E S 27 B T

A pinon, 6 ins.diam., bears S.32½°W., 300 lks.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.8 E.

Chains

dist.,marked T 13 S R 8 E S 28 B T

No other suitable bearing trees available.

Land, rolling and broken bench land and canyon bottom;  
general SE. exposure and drainage.

Soil, brown sandy loam and rocky of sandstone formation;  
1st. to 4th. rates.

Timber, scattering scrub cedar and pinon.

Undergrowth, sagebrush, greasewood and scattering service  
berry brush.

From the reconstructed original cor. of secs. 22,23,26  
and 27.

N.89°57'W., on true line bet. secs. 22 and 27.

Over rolling and broken bench land facing S., through  
scattering timber and short undergrowth.

2.00 Swale, drains SE.

20.25 Draw, 50 ft. deep, drains S.

25.30 Bottom of draw, near head, drains SE.

32.30 Low spur, projects S.

32.90 Ledge, 10 ft. high, bears N. and S.

33.70 Wash, 20 lks. wide, 10 ft. deep, drains SE.

39.70 Wash, 15 lks. wide, 5 ft. deep, drains SE.

40.12 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x12x5  
ins., firmly set in the ground and mound of stone,  
marked  $\frac{1}{4}$  on N. face, and witnessed by a small mound of  
stone NE. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S22  
S27  
1925

from which

A pinon, 6 ins.diam.,bears N.69 $\frac{1}{2}$ °E., 258 lks.  
dist.,marked  $\frac{1}{4}$  S 22 B T

A pinon, 14 ins.diam.,bears S.24 $\frac{3}{4}$ °W., 265 lks.  
dist.,marked  $\frac{1}{4}$  S 27 B T

Chains

Cor. stands on west side of wash near head of draw drain-  
ing SE.

Thence

S.89°50'W., with continuous measurement.

Ascend 130 ft. to

47.85 Spur, projects S.; descend 150 ft. to

56.65 Draw, drains S.; ascend 60 ft. to

63.55 Top of ascent on W. brink of draw, bears NE. and S.W.;  
thence over bench land to

80.44 The cor. of secs. 21,22,27 and 28.

Land, rough broken bench; general S. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone form-  
ation; 2nd. and 4th. rates.

Timber, scattering scrub cedar and pinon.

Undergrowth, sagebrush, scattering service berry and  
buck brush.

Fair grazing.

N.0°11'E., on true line bet. secs. 21 and 22.

Over rolling mountainous land draining S., through  
scattering scrub timber and medium growth of brush.

2.90 Begin descent into shallow ravine, bears NE. and S.W.

14.00 Ravine, 30 ft. below cor., drains S.30°W.; ascend.

17.80 Same ravine, drains S.10°E., comes from the NE.; thence  
gradually ascend over bench land, slopes S.

39.15 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 9x9x6  
ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face;  
witnessed by a few scattered stone around cor.

Alongside original cor.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S21 | S22  
1925

Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

Cor. stands in N. edge of small clump of oak brush.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

Thence

N.0°43'E., with continuous measurement.

Begin steeper ascent over SW. slope leaving tall oak brush.

59.80 Spur, 220 ft. above  $\frac{1}{2}$  sec. cor., projects S.20°W.; descend.

63.60 Ravine, 60 ft. below spur, drains W. about 2 chs. thence SW.; heads at ledge bearing N. and S. about 5 chs. E. of line. Ascend abruptly.

71.50 The N. point of a sandstone ledge, 30 ft. high, extends SE. around point of ridge.

74.20 Spur, 300 ft. above ravine, projects SW.; descend 30 ft.

78.38 The original cor. of secs. 15,16,21 and 22, which is a sandstone, 10x9x6 ins. above ground, firmly set, marked with 3 notches on E. and 3 notches on S. edge, and witnessed by a small mound of stone W. of cor.

Alongside original cor.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 15,16,21 and 22, with brass cap marked

T13S	R8E
S16	S15
S21	S22
1925	

from which

Sandstone outcropping, marked X BO S15, bears N.46°09'E., 93 lks. distant.

Sandstone boulder, 8x5x4 ft. showing, marked X BO S15, bears N.4°E., 32 lks. distant.

A pinon, 8 ins. diam., bears S.82°W., 196 lks. dist., marked T 13 S R 8 E S 21 B T

A pinon, 8 ins. diam., bears S.322°E., 144 lks. dist., marked T 13 S R 8 E S 22 B T

Sandstone boulder, 8x5x5 ft. showing, marked X BO S16, bears N.67°49'W., 118 lks. distant.

Cor. stands on steep W. slope on S. brink of wash in head of ravine draining W.

From sec. cor., Storr's house, bears S.50°30'W.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Land, rolling and broken bench on S. half mile; rough mountainous on remainder of mile; general S. exposure and drainage.

Soil, shallow sandy clay loam and rocky of sandstone and limestone formation; 2nd. and 4th. rates.

Timber, scattering scrub cedar and pinon on N. and S. portions of mile.

Undergrowth, scattering oak, service berry, sage and buck brush.

From the reconstructed original cor. of secs. 14, 15, 22, and 23.

S. 88° 04' W., on true line bet. secs. 15 and 22.

Descend grassy W. slope over rough mountainous land.

8.00 Enter spruce timber, bears N. and S.

9.00 Head of ravine, 175 ft. below sec. cor., drains SW.; thence along S. slope near top of spur, entering dense undergrowth.

15.00 High spur, projects SW.; leave dense undergrowth; descend abruptly along N. and NW. slopes.

22.00 Leave timber, bears NE. and SW.

34.50 Spur, projects NW.; continue steep descent.

40.38 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for 1/4 sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} S15 \\ \hline S22 \\ 1925 \end{array}$$

from which

A spruce, 8 ins. diam., bears S. 18½° E., 134 lks.  
dist., marked ¼ S 22 B T

A pinon, 10 ins. diam., bears N. 18½° W., 77 lks..  
dist., marked ¼ S 15 B T

Cor. stands on steep W. slope in E. edge of dense timber, 1000 ft. below spur.

41.00 Draw, heads about 5 chs. S. 70° E. and drains NW., 25 ft.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

below  $\frac{1}{4}$  sec. cor. Large spruce timber extends NW. and SE. along bottom of draw. Thence along N. and NW. slopes, descending.

- 53.00 Bottom of canyon and wash, 15 lks. wide, 4 ft. deep, drains S.30°W., 130 ft. below  $\frac{1}{4}$  sec. cor. Junction of canyons from the N. and E. bears NE. about 4 chs. distant. Dense spruce timber on E. side along bottom of canyon.

Ascend abruptly E. slope entering scattering clusters of oak brush and a few scattering cedar and pinon trees.

- 60.32 The point for the west sixteenth-section cor. bet. secs. 15 and 22 will fall on steep sandstone outcropping where cor. cannot be set, therefore, at this point, Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground on solid rock and 12 ins. in a mound of stone for witness cor. to the west sixteenth-section cor. bet. secs. 15 and 22, with brass cap marked

	1	S15
WC W	16	S22
		1925

from which

A pinon, 8 ins. diam., bears S.12 $\frac{1}{2}$ °W., 76 lks. dist., marked W C W 1/16 S 22 B T

No other bearing trees are available and other accessories are impracticable.

Cor. stands on steep, general E. slope of ridge;

- 60.57 Point for west sixteenth-section cor. bet. secs. 15 and 22, on steep, sloping outcropping. No cor. set.

- 71.15 Ridge, 580 ft. above canyon, bears N. and S.; descend abruptly W. slope entering cedar and pinon timber.

- 80.76 The reconstructed original cor. of secs. 15, 16, 21 and 22, 300 ft. below ridge.

Land, high, rough mountains; general S. exposure and drainage.

Soil, brown loam and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, cedar, pinon and spruce.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Undergrowth, oak, sage, service berry, maple, buck brush and mountain grass.

N.4°32'W., on true line bet. secs. 15 and 16.

Over rough mountainous land through scattering scrub timber and medium growth of undergrowth.

.20 Bottom of ravine, heads about 2 chs. NE. at base of broken sandstone ledges and drains W.; ascend abruptly over sandstone ledges.

3.00 Leave ledges, bears NW. and SE.; continue to ascend.

9.80 Spur, 375 ft. above sec. cor., projects SW.; thence along W. slope across head of ravine draining SW.

16.25 Spur, level with last spur, projects W. and comes from a point about 5 chs. SE.; descend abruptly N. slope entering large spruce timber.

20.05 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for south sixteenth-section cor. bet. secs. 15 and 16, with brass cap marked

$$\begin{array}{c} \frac{1}{16} \\ S \quad \frac{1}{16} \\ S16 \quad | \quad S15 \\ 1925 \end{array}$$

from which

A spruce, 8 ins.diam., bears N.69°E., 38 lks.

dist., marked S 1/16 S 15 B T

A spruce, 16 ins.diam., bears N.87°W., 41 lks.

dist., marked S 1/16 S 16 B T

Cor. stands on steep N. slope, 100 ft. below spur.

Continue abrupt descent through dense timber.

24.40 Ravine, 360 ft. below spur, drains W.; junction of ravines from the NE. and SE., bears E. about 1.26 chs. distant. Ascend abruptly.

30.00 Spur, 110 ft. above ravine, projects W.; thence along W. slope.

33.00 Ravine drains SW.; leave timber, bears NE. and SW.; ascend

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

abruptly S. slope through dense undergrowth.

40.10

The original  $\frac{1}{4}$  sec. cor. which is a hard sandstone,  
 10x8x4 ins. above ground, loosely set, marked  $\frac{1}{4}$  on W.  
 face, and witnessed by a small mound of stone W. of cor.  
 Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in  
 the ground on solid rock and 18 ins. in a large mound  
 of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S16 | S15  
 1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
 Cor. stands on top of spur, 250 ft. above ravine, projects  
 W.

Thence

N. 3°30' E., with continuous measurement.

Descend abruptly N. slope.

48.00

Ravine, 220 ft. below  $\frac{1}{4}$  sec. cor., drains W.; large spruce  
 timber along bottom of ravine. Ascend.

51.40

Spur, 50 ft. above ravine, projects W.; descend abruptly.

57.75

Ravine, 200 ft. below spur, drains W. about 15 chs. to  
 junction with canyon; dense spruce timber along bottom  
 of ravine. Ascend abruptly over sandstone ledges and  
 outcroppings.

63.81

Spur, 130 ft. above ravine, projects and descends rapidly  
 to the west; about 8 chs. west to canyon. Descend W.  
 and NW. slopes 170 ft. to

80.18

Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in  
 the ground on solid rock and in a mound of stone for  
 cor. of secs. 9, 10, 15 and 16, with brass cap marked

T13S R8E  
 S9 | S10  
 S16 | S15  
 1925

Deposit a sandstone, 8x6x2 ins., marked with a cross (X)  
 one on each face at base of monument.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

No suitable bearing trees are available and other access-  
ories are impracticable.

Cor. stands on steep N. slope at west edge of a small oak  
thicket.

Land, rough mountainous; general W. exposure and S. drainage.

Soil, brown loam and rocky or sandstone formation; 3rd.  
and 4th. rates.

Timber, scattering scrub cedar and pinon and dense spruce  
thickets.

Undergrowth, oak, sage, service berry and buck brush.

Fair grazing.

from the reestablished cor. of secs. 10, 11, 14 and 15.

S. 84° 43' W., on true line bet. secs. 10 and 15.

Ascend NE. slope over rough mountainous land through  
dense timber and undergrowth.

- 8.75 Leave timber and undergrowth, bears N. and S.
- 9.50 Spur, 225 ft. above sec. cor., projects N.; descend.
- 14.00 Enter dense aspen and pine timber, bears N. and S.
- 15.75 Head of small draw, 70 ft. below spur, drains N.; grad-  
ually ascend.
- 17.00 Leave timber, bears N. and S.
- 18.15 Spur, 15 ft. above draw, projects N.; descend.
- 28.15 Enter pine and aspen timber, bears N. and S.
- 29.75 Ravine, 265 ft. below spur, drains N.; ascend abruptly.
- 37.00 Spur, 265 ft. above ravine, projects N. 10° E.; leave  
aspen timber and descend N. slope.
- 39.20 Reenter dense timber, bears N. and S.
- 40.18 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 6x6x3 ins.  
above ground, firmly set, marked  $\frac{1}{4}$  on N. face; from  
which

a spruce, 8 ins. diam., bears S. 3° W., 18 lks.  
distant.

a red pine, 16 ins. diam., bears N. 21 $\frac{1}{2}$ ° W., 9  
lks. distant.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

The marks on the original bearing trees are visible but not legible, therefore, I mark the tree in sec. 10,  $\frac{1}{4}$  S 10 B T and the tree in sec. 15,  $\frac{1}{4}$  S 15 B T; also, Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{S10}{S15} \\ 1925 \end{array}$$

Cor. stands on N. slope in dense timber.

Thence

N.87°16'W., with continuous measurement.

- 43.50 Head of ravine, 125 ft. below spur, drains N.; ascend.
- 50.80 Leave timber, bears N. and S.
- 51.70 Top of high ridge divide bet. fork of Spring Canyon and tributaries to Gordon Creek Canyon, 115 ft. above head of ravine, bears NW. and SE.; descend over grassy W. slope.
- 60.00 Enter scattering oak brush, bears N. and S.
- 70.00 Steep draw, 400 ft. below ridge, drains NW. about 2 chs. thence N.75°W.; dense pine timber along bottom of draw and aspen timber S. of line. Thence along N. slope descending.
- 80.20 The reestablished cor. of secs. 9, 10, 15 and 16. Land, rough mountainous; general N. exposure and drainage on E. 51.70 chs., and S. exposure and drainage on the remainder of mile. Soil, brown mountain loam, gravelly and rocky of sandstone and limestone formation; 2nd. and 4th. rates. Timber, aspen thickets and scattering groves of pine and spruce. Undergrowth, oak, sage, service berry and grass. Good grazing.

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N.1°10'W., on true line bet. secs. 9 and 10.

Descend abruptly over mountainous land through scattering timber and undergrowth.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

- 1.50 Draw, 35 ft. below sec. cor., drains W. about 2 chs. to junction with draw from the N., thence SW.; considerable spruce timber in draw; indications of coal extend E. and W. along S. side of draw. Ascend abruptly over S. and SW. slopes.
- 8.00 Low point, falls W. about  $3\frac{1}{2}$  chs. to draw; continue steep ascent.
- 25.00 Leave dense, tall undergrowth, bears E. and W.
- 29.75 Top of steep ascent on W. slope of top of high ridge, at which point a spur projects SW. about 10 chs., thence S.
- 32.50 Top of high ridge divide bet. fork of Spring Canyon and tributaries to Gordon Creek Canyon, 475 ft. above draw, bears N.10°W. and S.20°E.; enter dense, tall undergrowth, bears with ridge. Descend along E. slope entering west edge of aspen timber.
- 40.01 $\frac{1}{2}$  Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   
 S9 | S10  
 1925
- from which
- An aspen, 4 ins.diam., bears N.32 $\frac{1}{4}$ °E., 133 lks.  
dist., marked  $\frac{1}{4}$  S 10 B T
- An aspen, 4 ins.diam., bears N.21 $\frac{1}{2}$ °E., 157 lks.  
dist., marked  $\frac{1}{4}$  S 9 B T
- Cor. stands on steep E. slope in dense undergrowth.
- 49.00 Head of fork of Spring Canyon, drains SE.; leave timber, bears NW. and SE.; ascend abruptly S. slope.
- 55.60 The E. point of dense aspen thicket bearing NW. and SW., bears W. about 1 ch. distant.
- 62.00 Spur, 500 ft. above  $\frac{1}{4}$  sec. cor., projects SE.; leave dense, tall undergrowth, bears E. and W.; descend along E. and NE. slopes.
- 66.00 Line strikes the W. edge of a dense aspen thicket.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

80.03 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T13S	R8E
S4	S3
39	S10
1925	

from which

An aspen, 5 ins. diam., bears N.  $12\frac{1}{2}^{\circ}$  E., 179 lks.

dist., marked T 13 S R 8 E S 3 B T

An aspen, 5 ins. diam., bears S.  $43\frac{3}{4}^{\circ}$  W., 189 lks.

dist., marked T 13 S R 8 E S 9 B T

An aspen, 5 ins. diam., bears N.  $38\frac{3}{4}^{\circ}$  W., 169 lks.

dist., marked T 13 S R 8 E S 4 B T

No other trees available.

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor. Cor. stands on steep E. slope in dense sagebrush.

Land, rough mountainous; general S. exposure and drainage on S. 32.50 chs. and E. exposure and drainage on remainder of mile.

Soil, brown loam, gravelly and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, scattering aspen thickets and spruce.

Undergrowth, oak, sage, service berry, buck brush and mountain grass.

Good grazing.

From the reestablished cor. of secs. 2, 3, 10 and 11.

S.  $89^{\circ}15'$  W., on true line bet. secs. 3 and 10.

Descend along general S. slope over rough mountainous land through dense, tall undergrowth.

5.80 Draw, 35 ft. below sec. cor., drains S.

8.00 Leave tall undergrowth and enter dense aspen timber, bears NW. and SE.

10.00 Bottom of canyon, 100 ft. below sec. cor., drains SE.; ascend steep NE. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

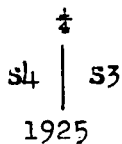
Chains	
18.00	Leave timber, enter tall, dense oak brush, bears N. and S.
21.50	Leave oak brush and enter aspen timber, bears N. and S.
24.60	Leave timber, bears N. and S.
27.80	Enter timber, bears N. and S.
30.00	Leave timber, bears N. and S.
32.00	Enter timber, bears N. and S.
35.30	Leave timber, bears N. and S.
39.08½	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with brass cap marked
	$\begin{array}{r} 33 \\ 4 \overline{) 132} \\ \underline{12} \phantom{0} \\ 12 \phantom{0} \\ \underline{12} \phantom{0} \\ 0 \phantom{0} \end{array}$
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. or cor.
40.00	Top of high spur, 555 ft. above canyon, projects SE.; descend abruptly.
46.60	Ravine, 165 ft. below spur, drains S. 10° E.; enter dense aspen timber, bears N. and S.; ascend.
50.30	Leave timber, bears N. and S. and enter dense oak brush.
60.00	High spur, 450 ft. above ravine, projects SE.; descend.
76.50	Head of canyon, 100 ft. below spur, drains SE.; ascend abruptly 100 ft. to
78.17	The reestablished cor. of secs. 3, 4, 9 and 10.
	Land, rough mountainous; general SE. exposure and drainage.
	Soil, brown loam and rocky or sandstone formation; 2nd. and 4th. rates.
	Timber, dense aspen thickets.
	Undergrowth, oak, sage, service berry and buck brush.
	fair grazing land.
	N. 2° 22' E., on true line bet. secs. 3 and 4.
	ascend E. slope over rough mountainous land through aspen timber and sagebrush undergrowth.
3.25	Bottom of fork of Spring Canyon, heads about 10 chs. NW. and drains SE.; ascend abruptly S. slope.



# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8

Chains

- 7.40 Leave timber, bears E. and W.; ascend grassy slope.
- 11.30 Top of high ridge and divide between Beaver and Spring Canyon, 350 ft. above sec. cor., bears N.60°E. and S.40°W.; this is the highest point of elevation above sea of any point in the township being approximately 9300 ft. Gradually descend over general N. slope.
- 13.50 Enter dense aspen and scattering spruce timber, bears N.60°E. about 2 chs., then N. and S.60°W.
- 40.03 Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

- an aspen, 5 ins.diam., bears N.45 $\frac{1}{2}$ °E., 54 lks.  
dist., marked  $\frac{1}{4}$  S 3. B T
- an aspen, 5 ins.diam., bears N.7 $\frac{1}{2}$ °W., 61 lks.  
dist., marked  $\frac{1}{4}$  S 4 B T

Cor. stands on gentle NW. slope, 280 ft. below ridge.

- 46.00 Enter scattering spruce timber and recently burnt area, bears NW. and SE.
- 52.00 Spur, projects N.30°W.; descend abruptly N. and NE. slopes.
- 58.00 Leave burnt area and enter heavy timber, bears NW. and SE.
- 80.04 The reconstructed original cor. of secs. 3 and 4 on the N. bdy. of the township heretofore described, 480 ft. below  $\frac{1}{4}$  sec. cor.
- Land, high mountains. general S. exposure and drainage on S. 11.30 chs. and N. exposure and NW. drainage on remainder of mile.
- Soil, brown loam, gravelly and rocky of sandstone formation; 2nd. and 4th. rates.
- Timber, aspen and spruce.
- Undergrowth, sagebrush, oak, service berry brush and mountain grass.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Good grazing.

From the reconstructed original cor. of secs. 4, 5, 32 and 33 on the south bdy. of the Tp. heretofore described. N. 0° 35' E., on true line bet. secs. 32 and 33.

Descend along E. slope over mountainous land through scrub oak and sagebrush undergrowth.

22.00 Base of descent on E. slope, 90 ft. below sec. cor.; gradually ascend.

23.80 Road, bears E. and W.

27.00 Spur, 50 ft. above base of descent, projects SE.; descend.

37.70 Large draw or wide canyon, 130 ft. below spur; stream, 3 lks. wide, 2 ins. deep, course SE.

40.90 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x12x10 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face and witnessed by a small mound of stone W. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S32 | S33  
 1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Thence

N. 0° 14' E., with continuous measurement.

Gradually ascend.

57.00 Begin steep ascent over S. and W. slopes of spur.

65.75 Ascend more gradually along W. slope.

80.90 The original cor. of secs. 28, 29, 32 and 33, which is a sandstone, 10x10x8 ins. above ground, firmly set, marked with 4 notches on E. and 1 notch on S. edge, and witnessed by a small scattered mound of stone W. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for cor. of secs. 28, 29, 32, and 33, with brass cap marked

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

T13s	R8e
S29	S28
S32	S33
1925	

from which

A cedar, 5 ins.diam., bears S.35 $\frac{1}{2}$ °W., 331 lks.

dist., marked T 13 S R 8 E S 32 B T

A pinon, 3 ins.diam., bears N.86°W., 111 lks.

dist., marked BT

No other bearing trees are available and other accessories are impracticable.

Land, mountainous; general S. exposure and E. drainage.

Soil, brown loam, gravelly and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, a few scattering cedar and pinon on N. portion of mile.

Undergrowth, sagebrush, scattering oak and service berry brush.

Good grazing.

from the reconstructed original cor. of secs. 27, 28, 33, and 34.

N.89°55' .., on true line bet. secs. 28 and 33.

gradually ascend over rolling bench land through very scattering timber and short undergrowth.

1.50 Road, bears N2. and SW.

10.00 Wash, 10 lks. wide, 10 ft. deep, drains SE.; leave timber.

10.08 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x8x4 ins., lying on the ground, marked  $\frac{1}{4}$  on one face; no accessories to cor.

At site of original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground and stand original stone monument alongside, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S28
S33
1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	Cor. stands 150 ft. above sec. cor. Thence N.89°47'W., with continuous measurement.
56.00	Leave bench and begin steep ascent of E. slope of spur.
72.20	High ridge spur, 400 ft. above $\frac{1}{4}$ sec. cor., projects S.; descend abruptly N. slope 200 ft. to
79.56	The cor. of secs. 28, 29, 32, and 33. Land, rolling bench on E. 56.00 chs. and rough mountainous on remainder of mile; general SE. exposure and drainage. Soil, shallow brown loam and rocky or sandstone formation; 3rd. and 4th. rates. Timber, a few scattering cedar and pinon on eastern portion of mile. Undergrowth, sagebrush, scattering service berry and buck brush. Fair grazing.
	N.0°08'W., on true line bet. secs. 28 and 29. Ascend along N. slope of spur over mountainous land through scrub oak and sagebrush undergrowth.
8.50	Draw, heads about 10 chs. NE. and drains SW.; ascend SE. slope.
24.60	Spur, 360 ft. above sec. cor., projects E.; descend along E. slope.
37.00	Enter heavy spruce timber, bears E. and W.
38.40	Ravine, 65 ft. below spur, heads about 4 chs. west and drains E.; ascend along E. slope.
39.40	Leave timber, bears E. and W.
40.44	The original $\frac{1}{4}$ sec. cor., which is a sandstone, 10x10x5 ins. above ground, firmly set, marked $\frac{1}{4}$ on <u>N</u> face; and witnessed by a few stones around cor. Alongside original cor.; Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E

Chains

S29 S28

S29	S28
-----	-----

1925

from which

A spruce, 5 ins.diam., bears S.  $44^{\circ}$  E., 85 lks.dist., marked  $\frac{1}{4}$  S 28 B TA spruce, 12 ins.diam., bears S.  $58\frac{1}{2}^{\circ}$  W., 88 lks.dist., marked  $\frac{1}{4}$  S 29 B T

Cor. stands on steep E. slope.

Thence

N.  $0^{\circ}38'$  E., with continuous measurement.

43.50 Ravine, drains SE.; ascend SE. slope.

50.20 Spur, 150 ft. above  $\frac{1}{4}$  sec. cor., projects S.  $60^{\circ}$  E.; descend.

58.10 Draw, 90 ft. below spur, drains E.; ascend.

61.50 Spur, projects E.; descend.

65.75 Draw, drains E.; dense spruce timber along draw; ascend.

73.50 Ridge, 150 ft. above last draw, bears E. and W.; descend

N. slope.

80.27 The original cor. of secs. 20, 21, 28 and 29, which is a

sandstone, 10x8x3 ins., above ground, firmly set,

marked with 4 notches on E. and 2 notches on S. edge

and witnessed by a small mound of stone W. of cor.

Alongside original cor.,

set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in

the ground on solid rock and 20 ins. in a mound of

stone for cor. of secs. 20, 21, 28, and 29, with brass

cap marked

T13S	R8E
S20	S21
S29	S28

1925

from which

A spruce, 12 ins.diam., bears S.  $29\frac{1}{2}^{\circ}$  W., 98 lks.

dist., marked T 13 S R 8 E S 29 B T

A spruce, 6 ins. diam., bears N.  $75\frac{1}{2}^{\circ}$  W., 170 lks.

dist., marked T 13 S R 8 E S 20 B T

No other suitable bearing trees are available.

- Cor. stands on steep NW. slope 110 ft. below ridge.  
 Land, rough mountainous; general SE. exposure and drainage.  
 Soil, shallow loam and rocky of sandstone formation;  
 2nd. and 3rd. rates.  
 Timber, scattering patches of dense spruce.  
 Undergrowth, sagebrush, oak and scattering service berry  
 brush.  
 Fair grazing.
- 
- From the reconstructed original cor. of secs. 21, 22, 27,  
 and 28.  
 N. 89° 57' W., on true line bet. secs. 21 and 28.  
 Over nearly level bench through scattering scrub timber  
 and short undergrowth.
- 4.15 Leave bench, bears NE. and SW.; enter broken land and  
 descend W. slope.
- 6.15 Leave timber, bears NE. and SW.
- 9.15 Bottom of draw and wash, 60 lks. wide, 20 ft. deep, small  
 stream in wash, course SW.
- 10.35 Small stream, in wash, 20 lks. wide, 20 ft. deep, course  
 SW.; ascend.
- 12.45 Low point, falls S.; descend SW. slope.
- 16.00 Enter bottom of Gordon Creek Canyon, bears NW. and SE.
- 16.25 National Coal Ry., (now under construction) bears  
 NW. and SE.
- 18.05 Canyon road, bears NW. and SE.
- 18.15 Enter cultivated land, bears N. and S.
- 20.75 Leave cultivated land, bears N. and S.
- 21.35 Wash, 60 lks. wide, 20 ft. deep, drains S.
- 24.85 Enter cultivated land, bears N. and S.
- 27.15 Leave cultivated land and enter dense undergrowth, bears  
 N. and S.
- 29.15 Bottom of Gordon Creek Canyon and stream, 10 lks. wide,  
 1 in. deep, in wash, 2 chs. wide, 30 ft. deep, course  
 S.; ascend N. and NE. slopes through dense undergrowth,  
 150 ft. to

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.15 S., R.8 E.

Chains

- 40.20 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 18x10x6 ins., loosely set in the ground and mound of stone, marked  $\frac{1}{4}$  on N. face; no accessories to cor.  
Set an iron post, 3 ft. long, 1 in. in dia., 22 ins. in the ground on solid rock and 10 ins. in a mound of stone and stand original cor. monument alongside for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \quad \underline{S21} \\ S28 \\ 1925 \end{array}$$
- from which
- A scrub pinon, 4 ins.diam., bears S.29 $\frac{3}{4}$ °E., 314 lks. dist., marked BT
- A scrub pinon, 8 ins.diam., bears N.2 $\frac{3}{4}$ °W., 64 lks. dist., marked  $\frac{1}{4}$  S 21 B T
- From  $\frac{1}{4}$  sec. cor., the NE. cor. of Maggie Ash's cabin, bears S.41°30'W., 1.27 chs. distant.
- Thence S.89°28'W., with continuous measurement.
- 42.35 Pole fence, bears N.73°W. and S.73°E.
- 43.15 Frame cabin, bears S. 50 lks. distant.
- 44.00 Log barn, 18x16 ft. on line.
- 47.85 Draw, drains NE.; ascend abruptly over E. slope.
- 60.25 Ledge, 10 ft. high, bears N. and S.
- 61.30 Spur, 500 ft. above  $\frac{1}{4}$  sec. cor., projects NE.; descend NW. slope.
- 65.65 Enter spruce timber, bears N. and S.
- 66.20 Draw, 50 ft. below spur, drains NE.; ascend NE. slope.
- 66.75 Leave timber, bears NE. and SW.
- 73.15 Leave dense oak brush, bears N. and S.
- 75.15 Ridge, 265 ft. above draw, bears N. and S.; descend 90 ft. to
- 79.15 The cor. of secs. 20,21,28 and 29.  
Land, rolling bench and canyon bottom of E. 29.15 chs. and rough mountainous on remainder of mile; general SE. exposure and S. drainage.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Soil, brown loam, gravelly and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, scattering scrub cedar and pinon and dense spruce thickets.

Undergrowth, oak, service berry, sagebrush and buck brush.

Fair grazing and land in canyon suitable for farming.

N.0°27'W., on true line bet. secs. 20 and 21.

Descend NW. slope over rough mountainous land through scattering undergrowth.

5.00 Tunnel at coal prospect, bears N.57°30'W.

12.10 Same tunnel, bears S.78°W.; 2nd. tunnel, bears N.71°45'W.

16.95 Second tunnel, bears S.76°W.; 3rd. tunnel, bears N.59°W.

20.55 Third tunnel, bears N.65°45'W.

21.80 Ravine, 485 ft. below sec. cor., drains NE.; dense spruce timber along bottom of ravine; ascend abruptly SE. slope entering tall oak brush.

33.50 Spur, 210 ft. above ravine, projects N.85°E.; Storr's cabin, bears N.85°E.; descend NE. slope through dense undergrowth

40.01 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S20 | S21  
 1925

from which

A spruce, 10 ins.diam., bears S.27 $\frac{1}{2}$ °E., 101 lks.  
dist., marked  $\frac{1}{4}$  S 21 B T

A spruce, 18 ins.diam., bears S.27 $\frac{1}{2}$ °W., 105 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T

Cor. stands on steep NE. slope 170 ft. below spur;  
continue abrupt descent.

41.50 Ledge, 20 ft. high, bears NW. and SE. about 4 chs. distant to end.



# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

- 44.00 Bottom of Gordon Creek Canyon and stream, 6 lks. wide, 4 ins. deep, 170 ft. below  $\frac{1}{2}$  sec. cor., course SE.; dense undergrowth along creek. Gradually ascend in canyon through dense sagebrush.
- 47.80 Canyon road, bears NW. and SE.
- 51.70 National Coal . Railroad, (now under construction) bears NW. and SE. A canyon from the N. enters Gordon Creek Canyon about 5 chs. E. Leave canyon bottom, begin abrupt ascent over S. and SE. slopes through oak brush and scattering scrub timber.
- 64.75 Sandstone ledge, (top) 30 ft. high, bears NE. and SW.
- 71.00 Top of steep ascent, 500 ft. above canyon and leave timber and dense undergrowth, bears NE. and SW.; ascend along E. slope 50 ft. to
- 80.02 The original cor. of secs. 16, 17, 20 and 21, which is a sandstone, 16x10x6 ins., firmly set in a mound of stone, erroneously marked with 3 notches on E. and 3 notches on S. edge; no accessories to cor.

At site of original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground and stand original cor. monument alongside for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T13S	R8E
S17	S16
S20	S21
1925	

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, rough mountainous; general NE. and SW. exposure and drainage to Gordon Creek Canyon which drains SE. Soil, brown loam and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, scrub cedar and pinon and scattering dense patches of spruce.

Undergrowth, oak, sage, service berry, willow and buck brush.

Chains

Fair grazing.

From the reconstructed original cor. of secs. 15, 16, 21 and 22.

N. 89° 01' W., on true line bet. secs. 16 and 21.

Over rough mountainous land through scattering scrub timber and short undergrowth. Descend.

1.00 Wash, 15 lks. wide, 4 ft. deep, in ravine 35 ft. below sec. cor., drains SW.; thence along S. slope.

4.00 Spur, projects SW.; descend nearly W. slope.

17.25 Draw, 270 ft. below sec. cor., drains SW.; ascend.

19.50 Spur, 50 ft. above draw, projects SW.; leave timber, bears NE. and SW. and descend W. slope.

34.40 Bottom of Coal Canyon and wash, 50 lks. wide, 20 ft. deep, drains S.; ascend abruptly E. slope 160 ft. to

40.23 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S16  
S21  
1925

from which

Sandstone outcropping, 5x3x1 ft. showing, marked

X BO S16, bears N. 77° W., 34 lks. distant.

Sandstone outcropping, 10 ft. long, 2 ft. high,

marked X BO S21, bears S. 57° W., 9 lks. distant.

Cor. stands on steep E. slope, washed by heavy rains and practically void of any vegetation.

44.00 Spur, projects SE.; continue steep ascent E. and SE. slopes.

58.15 Ridge spur, 425 ft. above  $\frac{1}{4}$  sec. cor., projects S. 20° W.; descend abruptly W. slope.

75.15 Canyon, 500 ft. below spur, drains S. 10° E.; the east side of canyon is rimmed with a sandstone ledge about 30 ft. high projecting N. 5° W. and S. 10° E. and on the west side a ledge begins on line and projects S. 15° W.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.2 E.

## Chains

around point of spur. Large spruce timber extends E. and S. along bottom of canyon. Ascend abruptly E. slope through dense undergrowth 225 ft. to

60.46 The cor. of secs. 16, 17, 20 and 21.

Land, rough mountainous with general E. and W. slopes. of high spurs into canyons draining S.

Soil, brown loam and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, scattering patches of spruce and scattering scrub cedar and pinon on eastern portion of mile.

Undergrowth, oak, sage, service berry and buck brush.

Fair grazing.

N. 0° 18' W., on true line bet. secs. 16 and 17.

Ascend along E. slope of high spur over mountainous land through dense undergrowth.

61.10 Swale, drains E.; begin ascent over SE. slope.

62.70 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 6x10x6 ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face, and witnessed by a small mound of stone W. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 14 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S17 | S16  
 1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Thence

N. 0° 00' W., with continuous measurement.

63.60 High ridge spur, 230 ft. above sec. cor., projects SW. and comes from a high point on ridge about 15 chs. NE.; leave dense undergrowth, bears NE. and SW. and begin descent over NW. slope.

69.20 From this point cabin at Gibson Coal Camp, bears S. 75° 45' W.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

- Chains**
- 45.75 Draw, near head, 120 ft. below spur, drains W. about 10 chs., thence SW.; spruce timber along bottom of draw. Ascend.
- 49.00 Low spur, projects W. about 10 chs. distant.
- 53.20 Draw, 70 ft. below spur, heads about 5 chs. E. and drains W. for about 10 chs. thence SW.; spruce timber along bottom of draw. Ascend.
- 64.50 Top of ascent on W. slope about 3 chs. E. of a draw draining SW.
- 66.70 Enter aspen timber, bears NE. and SW.
- 68.00 Draw, near head, drains SW.; ascend
- 71.70 Old trail or wood road, bears SW., NE. about 2 $\frac{1}{2}$  chs. thence N.
- 73.60 Ridge and divide bet. Beaver and Gordon Creek Canyons, bears E. and W. Line crosses ridge in saddle. Gradually descend over N. slope.
- 77.40 The original cor. of secs. 8,9,16 and 17 which is a sandstone, 10x10x4 ins. above ground, stone broken in two pieces, the bottom piece firmly set in the ground and surrounded by a few deeply embedded stone, the top piece is marked with 4 notches on one and 4 notches on cornering edge.
- Alongside original cor.
- Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 8,9,16, and 17, with brass cap marked

T13S	R8E
S8	S9
S17	S16

1925

from which

An aspen, 8 ins.diam.,bears N.31°E., 323 lks.

dist.,marked T 13 S R 8 E S 9 B T

An aspen, 6 ins.diam.,bears S.53°E., 163 lks.

dist.,marked T 13 S R 8 E S 16 B T

An aspen, 6 ins.diam.,bears S.26°W., 64 lks.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 S. R. 8 E.

Chains

dist., marked T 13 S R 8 E S 17 B T

An aspen, 7 ins. diam., bears N. 77 $\frac{1}{2}$ ° W., 22 lks.

dist., marked T 13 S R 8 E S 8 B T

Land, rough mountainous; general SW. exposure and drainage on S. 73.60 chs. and N. exposure and drainage on remainder of mile.

Soil, brown and black mountain loam streaked with rock of sandstone formation; 2nd. and 3rd. rates.

Timber, scattering patches of spruce in bottom of draws and aspen in northern portion of mile.

Undergrowth, oak, sage and service berry brush.

Good grazing.

From the reestablished cor. of secs. 9, 10, 15 and 16.

S. 89° 04' W., on true line bet. secs. 9 and 16.

Over rough mountainous land through undergrowth of oak, sage and service berry brush. Descend abruptly over NW. slope.

- 5.00 Canyon, 90 ft. below sec. cor., drains SW.; dense spruce timber along bottom of canyon and indications of coal extend NE. and SW. along S. side of bottom. Ascend.
- 9.20 Rocky point, 80 ft. above canyon, projects S.; descend over ledges into canyon.
- 13.20 Canyon, 125 ft. below point, drains S. 20° E.; dense spruce timber along canyon bottom. Ascend abruptly.
- 20.50 Enter dense oak brush, bears NE. and SW.
- 27.70 Ridge spur, 470 ft. above canyon, projects S. 10° E.; leave dense undergrowth, bears N. and S. Descend.
- 33.60 Reenter dense oak brush, bears N. and SW.
- 37.00 Draw, near head, 230 ft. below spur, drains SW.; thence along nearly S. slope.
- 39.92 Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  89

S16  
1925

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
	from which
	Point on sandstone boulder, marked X B0 S9.
	bears N.43 <sup>3</sup> / <sub>4</sub> °E., 21 lks. distant.
	Raise a mound of stone, 2 ft. base, 1 <sup>1</sup> / <sub>2</sub> ft. high, N. of cor.
43.30	Spur, projects SW.; descend abruptly W. slope.
52.00	Bottom of canyon, 250 ft. below spur, drains S.15°E.; ascend abruptly E. slope.
73.00	Ridge, 670 ft. above canyon, bears N.30°E. and S.30°W.; leave oak brush and descend over open W. slope.
79.00	Head of draw or swale, 50 ft. below ridge, drains N.; old road, bears N. and S.; enter aspen timber, bears N. and S.
79.84	The cor. of secs. 8, 9, 16, and 17.
	Land, rough mountains; general S. exposure and drainage on E. 73.00 chs. and N. exposure and drainage on remainder of mile.
	Soil, brown loam and rocky of sandstone formation; 2nd. and 4th. rates.
	Timber, dense spruce thickets along bottoms of canyons and aspen in the extreme west portion of mile.
	Undergrowth, oak, sage, service berry, buck brush and grass.
	Good grazing.
	<hr/>
	N.0°01'W., on true line bet. secs. 8 and 9.
	Gradually descend over mountainous land sloping N., through scattering aspen timber and sagebrush under- growth.
3.40	Swale, drains N.5°W.; descend along E. side of bottom of same.
7.00	Old road, bears N.10°W. and S.10°E.
26.80	A group of 6 pine trees immediately E. of line.
30.30	SE. cor. of corral on line.
32.75	N. side of corral.
34.00	Swale, heads at high ridge about 10 chs. E. and drains W.
35.00	Begin to ascend, bears E. and W.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

36.90 Wire fence, bears E. and W.

40.00 Leave timber, bears NE. and W.

40.50 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S8 | S9

1925

from which

Sandstone boulder, 6x5x4 ft. showing, marked

X B0 S9, bears S.  $43\frac{1}{2}^{\circ}$  E., 122 lks. distant.

An aspen, 6 ins. diam., bears S.  $53\frac{1}{2}^{\circ}$  W., 109 lks.

dist., marked  $\frac{1}{4}$  S 8 B T

43.40 Point of spur, projects W.; from this point Leo Frandsen's log cabin, 12 x 14 ft., located at the foot of spur projecting NE. and near junction with Beaver Creek and and large draw to the SE., bears N.  $55^{\circ}15'$  W. Gradually descend.

48.00 Enter aspen timber, bears E. and W.

48.75 Draw, 40 ft. deep, drains W.; ascend.

51.00 Leave aspen and enter scattering oak and service berry brush, bears E. and W.

61.00 Leave oak and service berry brush, bears E. and W.

62.50 Enter aspen timber, bears E. and W.

70.90 Top of ascent on W. slope, 185 ft. above draw, bears E. and W.; gradually descend along W. slope.

75.50 Leave timber, enter opening, bears E. and W.

77.45 Cor. of fence line bearing N.  $85^{\circ}$  W. and N., bears W. about 1.50 chs. distant.

81.00 The original cor. of secs. 4, 5, 8 and 9, which is a sandstone, 10x8x8 ins. above ground, firmly set, marked with 4 notches on E. and 5 notches on S. edge and witnessed by a small deeply embedded mound of stone W. of cor.

Alongside original cor.,

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T13S	R8E
S5	S4
S8	S9
1925	

from which

An aspen, 5 ins. diam., bears N. 69° E., 116 lks.

dist., marked T 13 S R 8 E S 4 B T

A sandstone boulder, 5x5x $\frac{1}{2}$  ft. showing, marked

X B O S9, bears S. 17° E., 113 lks. distant.

An aspen, 6 ins. diam., bears N. 3° W., 90 lks.

dist., marked T 13 S R 8 E S 5 B T

No other bearing trees or objects available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Cor. stands on W. slope on E. side of Beaver Canyon in

small opening in aspen timber.

From the sec. cor., Leo Frandsen's log cabin, bears S.

52° 30' W.

Land, mountainous; N. and W. exposure and N. drainage.

Soil, brown mountain loam streaked with rock of sandstone

formation; 2nd. rate.

Timber, aspen and scattering spruce.

Undergrowth, oak, sage and service berry brush.

Good grazing.

From the reestablished cor. of secs. 3, 4, 9, and 10.

S. 89° 45' W., on true line bet. secs. 4 and 9.

Ascend abruptly E. slope over rough mountainous land

through scattering aspen thickets and through dense

undergrowth.

10.50. Top of high ridge and divide between headwaters of fork

Spring Canyon and Coal Canyon, 300 ft. above sec. cor.,

bears N. and S.; the divide bet. Beaver Canyon and

Spring Canyon extending NE. and SW., bears N. about

3 chs. distant. Gradually descend along rugged S. slope.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

24.20 Ridge and divide between Beaver Canyon and Coal Canyon,  
210 ft. below last ridge, bears N.70°E. and S.70°W.;  
descend grassy NW. slope.

35.70 Enter dense spruce and scattering aspen timber, bears  
N. and S.

39.10 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S4}{S9}$$

1925.

from which

A spruce, 8 ins.diam., bears S.70°E., 8 lks.

dist., marked  $\frac{1}{4}$  S 9 B T

A spruce, 6 ins.diam., bears N.67 $\frac{1}{2}$ °E., 11 lks.

dist., marked  $\frac{1}{2}$  S 4 B T

Cor. stands on steep N. slope in dense spruce timber,  
200 ft. below divide at 24.20 chs..

39.70 Leave dense spruce timber, bears NE. and SW.

45.60 Leave timber, enter opening, bears NW. and SE.

47.00 Reenter timber, bears NW. and SE.

53.20 Depression on N. slope, drains NW.; enter spruce timber  
bearing N. and S.

54.70 Low point, falls N.; descend.

55.75 Draw, 265 ft. below  $\frac{1}{4}$  sec. cor., drains N.; ascend.

57.20 Leave spruce timber, bears N. and S.

72.70 Spur, 150 ft. above draw, projects N.; gradually descend.

73.20 Small corral, bears W. about 2 chs. distant.

76.20 Leave timber, enter opening, bears NW. and S.

78.21 The cor. of secs. 4, 5, 8, and 9, 65 ft. below spur.

Land, mountainous; E. exposure and drainage on E.10.50  
chs., S. exposure and drainage on next 13.70 chs. and  
general N. exposure and drainage on remainder of mile.  
Soil, brown mountain loam and rocky of sandstone form-  
ation; 2nd. and 4th. rates.

Timber, dense aspen thickets and scattering spruce.  
Undergrowth, sage, oak, service berry and buck brush.  
Good grazing.

N.0°58'E., on true line bet. secs. 4 and 5.

Gradually descend along W. slope over high mountainous  
land through sagebrush undergrowth.

1.00 Leave sagebrush and enter dense aspen timber, bears NW.  
and SE.

8.00 Leave timber and reenter sagebrush, bears E. and W.

24.40 Spring branch, 1 lk. wide, 1 in. deep, good water,  
heads at spring about 7.50 chs. SE. and flows NW.

27.70 Fence line, bears N.10°E. and S.10°W.

34.50 Leave sagebrush and reenter timber, bears NE. and SW.

39.32 The original  $\frac{1}{4}$  sec. cor. which is a sandstone, 10x8x8 ins.  
above ground, firmly set, marked  $\frac{1}{4}$  on W. face; from  
which

A spruce, 8 ins. diam., bears N.36°E., 11 lks.  
distant.

A spruce, 15 ins.diam., bears S.10°W., 8 lks.  
distant.

These original bearing trees have been killed by fire  
and the original markings are not visible; the blazes,  
however, are distinct.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in  
the ground to solid rock and in a large mound of stone  
for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S5 | S4  
 1925

from which

A spruce, 12 ins.diam., bears N.53 $\frac{3}{4}$ °E., 91 lks.  
dist., marked  $\frac{1}{4}$  S 4 B T

A spruce, 12 ins.diam., bears N.72 $\frac{3}{4}$ °W., 91 lks.  
dist., marked  $\frac{1}{4}$  S 5 B T

120

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

Cor. stands in patch of burnt timber about 3 chs. in diameter on E. side of Beaver Creek Canyon.

Thence

N.0°17'W., with continuous measurement.

- 40.30 Spur, projects NW.; leave burnt area and enter dense live timber, bears NW. and SE.; descend.
- 51.70 Enter bottom of draw and leave timber, bears NW. and SE.; fence line bearing about N and S., bears E. 15 lks.. distant. Thence across draw through dense sagebrush.
- 53.50 Bottom of draw, 180 ft. below spur, drains NW.
- 56.00 Leave sagebrush and enter timber, bears NW. and SE.; gradually ascend.
- 59.50 Low spur, projects W.; Fence line bears W., east about 30 lks. to end, thence S. Descend N. slope.
- 63.00 Enter bottom of Beaver Canyon and leave timber, bears NE. and SW.
- 66.40 Beaver Creek in canyon, 10 lks. wide, 3 ins. deep, good water, course NE.; road in canyon bearing NE. and SW. crosses Beaver Creek on line.  
Ascend SE. slope.
- 71.90 Small spring branch, heads about 3 chs. W. and flows SE.
- 72.00 Top of sandstone ledge, 10 ft. high, bears NW. and SE.
- 73.00 Spur, 50 ft. above canyon, projects NE.
- 74.70 Enter timber, bears NW. and SE.; descend N. slope.
- 76.55 Enter Jump Creek Canyon and leave timber, bears E. and W.; thence across canyon through meadow grass,
- 77.86 Road, (old) bears E. and W.
- 79.00 Jump creek, 10 lks. wide, 3 ins. deep, course E.; ascend.
- 79.36 The reconstructed original cor. of secs. 4 and 5 on the N. bdy. of the Tp. heretofore described.
- Land, mountainous; general N. exposure and drainage.
- Soil, brown loam streaked with rock of sandstone formation; 2nd. and 3rd. rates.
- Timber, aspen and spruce.
- Undergrowth, sagebrush, scattering oak and service berry brush.

chains

Good grazing.

From the reconstructed original cor. of secs. 5, 6, 31, and 32 on the S. bdy. of the Tp. heretofore described.

N.0°32'E., on true line bet. secs. 31 and 32.

Gradually ascend over general E. slope of mountainous land through oak, sage and service berry brush.

13.40 Low spur, projects SE.; continue ascent along E. slope.

26.00 Spur, 150 ft. above sec. cor., projects E.; descend.

28.60 Draw, drains E.; ascend abruptly.

34.70 Spur, 150 ft. above draw, projects SE.; descend along E. slope 100 ft. to

39.55 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 8x8x6 ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face and witnessed by a small deeply embedded mound of stone W. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground to solid rock and in a large mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S31 | S32  
1925

Deposit a sandstone, 7x6x4 ins., marked with a cross (X) on one face at base of monument.

Cor. stands in swale on E. slope.

Thence

N.0°54'W., with continuous measurement.

44.80 Main bottom of swale, drains E.; ascend.

49.00 Spur, 130 ft. above swale, projects E.; descend N. slope.

58.30 Enter bottom of wide draw, bears E. and W.

60.00 Stream 3 lks. wide, 1 in. deep, good water, in bottom of large draw, 150 ft. below spur, course E.

60.50 The SE. cor. of a corral, bears W. about 3 chs. distant.

65.00 Leave draw, bears E. and W.; begin ascent.

72.80 Spur, 100 ft. above draw, projects SE.; ascend E. slope

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.15 S., R.8 E.

Chains

35 ft. to

79.50 Shallow draw, drains SE.; ascend S. slope.

79.79 The original cor. of secs. 29, 30, 31 and 32, which is a sandstone, 18x10x8 ins., loosely set in an old deeply embedd<sup>ed</sup>/mound of stone, marked with 5 notches on E. and 1 notch on S. edge; no accessories to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T13S	R8E
S30	S29
S31	S32
1925	

from which

Sandstone boulder, 5x3x2½ ft. on top of sandstone outcropping, marked X B0 S30, bears N.2°W., 56 lks. distant.

A pinon, 18 ins. diam., bears N.54°E., 397 lks. dist., marked T 13 S R 8 E S 29 B T

No other bearing trees or objects available and other accessories are impracticable.

Land, mountainous; general SE. exposure and drainage.

Soil, sandy loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, a few scattering cedar and pinon.

Undergrowth, sage, oak and service berry brush.

Fair grazing.

From the reconstructed original cor. of secs. 28, 29, 32, and 33.

S.89°54'W., on true line bet. secs. 29 and 32.

Descend W. slope over mountainous land through scattering scrub cedar and pinon timber and undergrowth of oak, sage, buck and service berry brush.

3.30 Draw, 90 ft. below sec. cor., drains SW.; ascend SE. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

21.70 Spur, 315 ft. above draw, projects S.; north 25 lks. from line is the S. point of a sandstone ledge about 50 ft. high bearing NE. and NW. Descend.

34.40 Gully, drains SW.

40.00 Foot of steep descent and enter bottom of canyon near mouth, 315 ft. below spur, bears N. and S.

42.91 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x10x4 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face, and witnessed by a small, deeply embedded mound of stone N. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 14 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S29  
S32  
1925

Deposit a sandstone, 6x5x3 ins., marked with a cross (X) on one face at base of monument.

No bearing trees or other bearing objects available.

Thence

S.88°50'W., with continuous measurement.

46.75 Bottom of canyon and wash, 50 lks. wide, 15 ft. deep, drains SE.; ascend abruptly E. slope.

60.25 Spur, 325 ft. above canyon, projects SE.; continue ascent along broken S. slope.

67.00 Top of ascent on S. slope; 50 ft. above spur, bears N. and S.; descend along S. slope.

73.10 Ravine, 90 ft. below top of ascent, drains S.; continue along S. slope.

78.70 Descend W. slope 100 ft. to

82.31 The cor. of secs. 29, 30, 31 and 32.

Land, rough mountainous; general S. exposure and drainage.

Soil, brown loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, a few scattering scrub cedar and pinon.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 S., R. 8 E.

## Chains

Undergrowth, oak, sage, scattering service berry and  
 buck brush.  
 Fair grazing.

The cor. of secs. 30 and 31 on the west boundary of the  
 Tp. as established by Howard W. Miller, U.S. surveyor,  
 in 1914, is a sandstone, 18x15x12 ins., firmly set in  
 the ground, marked with 5 notches on N. and 1 notch  
 on S. edge; from which

Stump of an aspen, 10 ins.diam., bears N.51 $\frac{1}{2}$ °E.,

55 lks. distant; marks on tree destroyed.

An aspen, 8 ins.diam., bears S.58°E., 67 lks.

dist., marked T 13 S R 8 E S 31 B T

Mark a new bearing tree as follows:

An aspen, 6 ins.diam., bears N.24°E., 210 lks.

dist., marked T 13 S R 8 E S 30 B T

Thence

S.89°35'E., on true line bet. secs. 30 and 31.

Descend over rough mountainous land through scattering  
 undergrowth.

- .50 Wash, 10 lks. wide, 8 ft. deep, drains SE.
- 1.25 Wash, 20 lks. wide, 8 ft. deep, in bottom of Trail Canyon,  
 drains SE.; gradually ascend.
- 8.50 Top of ascent on S. slope, 90 ft. above canyon, bears N.  
 and S.; descend SE. slope.
- 12.25 Draw, 25 ft. below top of ascent, drains S.; ascend.
- 13.50 Spur, 60 ft. above draw, projects S.; descend.
- 15.50 Draw, 60 ft. below spur, drains S.; ascend SW. slope.
- 23.50 Slope changes to nearly S.
- 29.50 Top of sandstone ledge, 20 ft. high, bears N.75°W. and  
 S.75°E.
- 30.65 Spur, 230 ft. above draw, projects S.; thence along nearly  
 S. slope.
- 33.00 Top of sandstone ledge, 20 ft. high, bears N.75°E. and  
 S.75°W.; descend SE. slope.
- 40.40 Proportionate point.

DEPENDENT RESURVEY OF THE SUBLIVISION OF T.13 S., R.8 E.

Chains

Set an iron post, 3 ft. long, 1 in. in dia., 1 1/2 ins. in the ground on solid rock and 16 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

1/4 — S30  
S31  
1925

Deposit a sandstone, 6x1x2 ins., marked with a cross (X) on one face at base of monument.

Cor. stands on SE. slope; continue descent.

42.85 Top of sandstone ledge, 10 ft. high, bears N. and S.

48.00 Base of steep descent and enter canyon bottom, bears N. and S.

49.50 Wash, 50 lks. wide, 10 ft. deep, in bottom of canyon, 440 ft. below spur, drains S.; thence in canyon.

52.50 Leave canyon, bears N. and S.; ascend.

64.00 Thence along nearly S. slope ascending.

69.50 Spur, 200 ft. above canyon, projects S.; descend SE. slope 200 ft. to

79.24 The cor. of secs. 29, 30, 31 and 32.

Land, rough mountainous broken by ledges; general S. exposure and SE. drainage.

Soil, brown loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, a few scrub cedar and pinon on both sides of line.

Undergrowth, oak, sage, service berry and buck brush.

Fair grazing.

N. 0° 24' E., on true line bet. secs. 29 and 30.

Ascend abruptly S. slope broken by sandstone ledges over rough mountainous land through oak and sagebrush; a few scattering scrub cedar and pinon on both sides of line.

4.20 Ledge, 20 ft. high, bears NW. and SE.

0.10 Ledge, 30 ft. high, bears NW. and SE.

0.60 Spur, 750 ft. above sec. cor., projects SE.; descend N. slope.



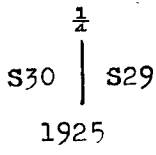
DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

30.25 Ravine, 280 ft. below spur, drains E.; ascend E. slope  
65 ft. to

40.74  $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in  
the ground to solid rock and 10 ins. in a mound of stone  
for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

Sandstone ledge outcropping 10 ft. high, marked

X BO S30, bears S.83°W., 48 lks. distant.

Sandstone ledge outcropping 30 ft. high, marked

X BO S 29, bears N.20°E., 119 lks. distant.

43.00 Spur, 50 ft. above  $\frac{1}{4}$  sec. cor., projects NE.; descend.

51.60 Enter dense timber and undergrowth, bears E. and W.

58.75 Ravine, 360 ft. below spur, drains SE.; leave dense  
timber and undergrowth; ascend SE. slope.

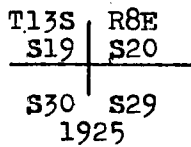
64.50 Spur, 90 ft. above ravine, projects S.70°E.; thence along  
general E. slope.

72.00 Top of ascent on E. slope, 125 ft. above spur; thence  
gradually descend along E. slope.

81.49 The original cor. of secs. 19,20,29, and 30, which is a  
sandstone, 18x12x10 ins., loosely set in the ground,  
marked with 5 notches on E. edge; no other marks dis-  
cernable, and witnessed by a small, deeply embedded  
mound of stone N of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in  
the ground to solid rock and in a large mound of stone  
for cor. of secs. 19,20,29 and 30, with brass cap  
marked



from which

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

chains

An aspen, 5 ins.diam., bears N.14°E., 46 lks.

dist., marked T 13 S R 8 E S 20 B T

An aspen, 4 ins.diam., bears N.40<sup>3</sup>°W., 40 lks.

dist., marked BT

No other bearing trees or bearing objects available.

Land, rough mountainous; general SE. exposure and drainage.

Soil, brown loam and rocky of sandstone formation; 2nd.

and 4th. rates.

Timber, scattering patches of dense aspen and spruce  
with very scattering scrub cedar and pinon on entire  
mile.

Undergrowth, oak, sage, service berry and buck brush.

Fair grazing.

From the reconstructed original cor. of secs. 20, 21, 28,  
and 29.

N.88°45'W., on true line bet. secs. 20 and 29.

Descend grassy NW. slope over mountainous land.

.60 Enter spruce timber and undergrowth of oak and service  
berry brush, bears N. and S.

2.50 Gully, 40 ft. below sec. cor., drains NW.; thence along  
N. slope.

2.60 Leave timber, bears N. and S.

5.25 Low spur, projects NW.; descend.

7.00 Enter heavy timber, bears N. and S.

8.85 Draw, 60 ft. below spur, drains N.; ascend E. slope.

14.20 Spur, 185 ft. above draw, projects NE.; descend NW. slope.

18.80 Draw, 35 ft. below spur, drains N.; ascend NE. slope.

20.60 Leave timber, bears N. and S.

27.20 High spur, 360 ft. above draw, projects N.; descend.

32.40 Enter dense timber, bears N. and S.

35.60 Draw, 325 ft. below spur, drains NW.; ascend.

38.30 Spur, 125 ft. above draw, projects N.; descend NW. slope.

39.00 Draw, drains NE.; ascend.

40.09 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 8x6x6 ins.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S. R.3 E.

CHAINS

above ground, firmly set, marked  $\frac{1}{4}$  on N. face; from which

A. dead spruce, 8 ins.diam., bears S.  $26\frac{1}{2}^{\circ}$  E., 15  
lks. dist., marked  $\frac{1}{4}$  S B T

also witnessed by a small, deeply embedded mound of stone  
N. of cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in  
the ground on solid rock and 10 ins. in a mound of stone  
for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \underline{S20} \\ S29 \\ 1925 \end{array}$$

from which

A spruce, 10 ins.diam., bears S.  $66\frac{1}{2}^{\circ}$  E., 29 lks.  
dist., marked  $\frac{1}{4}$  S 29 B T

A spruce, 12 ins.diam., bears N.  $37^{\circ}$  W., 18 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T

Thence

S.  $89^{\circ}29'$  W., with continuous measurement.

- 41.00 Leave timber, bears N. and S.
- 42.20 Spur, 45 ft. above draw, projects NE.; descend.
- 44.00 Enter dense timber, bears NE. and SW.
- 45.20 Draw, 40 ft. below spur, drains NE.; ascend E. slope.
- 47.00 Leave timber, continue through dense oak brush, bears  
N. and S.
- 50.00 Leave dense undergrowth, bears N. and S.
- 52.25 Top of high ridge and divide bet. Trail Canyon and Gordon  
Creek Canyon, bears NW. and SE., 320 ft. above draw;  
descend SW. slope.
- 67.35 Coal prospecting hole on line.
- 70.55 Enter dense undergrowth, bears N. and S.
- 79.00 Canyon, near head, 430 ft. below ridge, drains SE.;  
ascend E. slope 100 ft. to
- 82.04 The cor. of secs. 19, 20, 29 and 30.  
Land, rough mountainous; N. exposure and drainage on E.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S. 14 E.

chains

52.25 chs. and general S. exposure and drainage on remainder of mile.

Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.

Timber, dense spruce and aspen thickets.

Undergrowth, oak, sage, service berry and buck brush.

Good grazing.

The cor. of secs. 19 and 30 on the west boundary of the  
. Tp., established by Howard W. Miller, U. S. surveyor in  
1914, is a sandstone, 10x8x6 ins. above ground, firmly  
set, marked with 4 notches on N. and 2 notches on S.  
edge, and witnessed by a mound of stone, 3 ft. base, 2  
ft. high, E. of cor.

From cor.,

N.89°15'E., on true line bet. secs. 19 and 30.

Along grassy N. slope of mountain.

3.10 Spur, projects NE.; descend NE. slope.

3.60 Enter dense timber and undergrowth, bears NW. and SE.

8.00 Draw, 115 ft. below spur, drains N.; ascend NW. slope.

0.10 Leave dense timber and undergrowth, bears N. and S.

2.70 Indications of coal, bears NE. and SW.

4.60 Spur, 165 ft. above draw, projects N.; descend E. slope.

4.90 Enter dense timber and undergrowth, bears N. and S.

1.90 Draw, 290 ft. below spur, drains NE.; ascend NW. slope.

3.70 Spur, 15 ft. above draw, projects N.; junction of draws  
draining N. from the SE. and SW., bears N. about 4 chs.  
distant. Descend NE. slope.

7.40 Draw, 100 ft. below spur, drains N.; ascend NW. slope.

2.80 Small seep, drains N.

4.60 Leave timber and undergrowth, bears N. and S.

7.00 Enter top of ridge divide bet. Gordon Creek Canyon and  
canyons to the south, 350 ft. above draw, bears SW.  
and E. Thence along top of divide.

9.60 Leave divide, bears N.60°E. and W.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 S.

Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{2} \frac{519}{330} \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. No suitable bearing trees or other bearing objects are available.

From  $\frac{1}{2}$  sec. cor., a small spring of good water, located on NW. slope near top of ridge divide, bears S. 45° W., approximately 10 chs. distant.

Descend over E. and SW. slopes.

42.40 Enter dense timber and undergrowth, bears NE. and SW.

49.00 Leave timber and undergrowth, bears NE. and SW.; thence over grassy slope.

49.00 Draw, 150 ft. below divide, heads about 1/4 chs. N. and drains S.; ascend SW. slope.

53.00 Indications of coal, bears NE. and SE.

60.00 Spur, 160 ft. above draw, projects S. 20° E.; descend abruptly over E. slope.

60.60 Enter dense timber and scattering undergrowth, bears N. and S.

75.60 Leave dense undergrowth, bears N. and S.

79.57 The cor. of secs. 19, 20, 29 and 30, 500 ft. below spur. Land, rough mountainous; N. and S. exposure and drainage from ridge divide at 37 1/2 chs.

Soil, mountain loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, dense patches of spruce and aspen.

Undergrowth, oak, sage, service berry and buck brush.

Good grazing.

N. 1° 12' W., on true line bet. secs. 19 and 20.

Gradually ascend along E. slope over rough mountainous land through dense timber and undergrowth.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
6.50	Shallow draw, 25 ft. deep, drains E.; continue along E. slope.
19.85	Draw, drains S.30°E.
21.75	Leave aspen timber, bears NW. and SE.
34.25	Leave dense undergrowth, bears NW. and SE.
35.25	Head of draw, drains S.30°E.
35.85	Top of high ridge and divide bet. Gordon Creek Canyon and canyons to the south, 350 ft. above sec. cor., bears SE., W. about 5 chs. thence SW.; descend N. slope 75 ft. to
40.00	The original $\frac{1}{4}$ sec. cor., which is a sandstone, 6x10x12 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a small mound of stone W. of cor.
	Alongside original cor.,
	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \text{S19} \mid \text{S20} \\ 1925 \end{array}$
	from which
	An aspen, 7 ins.diam., bears N.7 $\frac{1}{2}$ °E., 137 lks.
	dist., marked $\frac{1}{4}$ S 20 B T
	An aspen, 7 ins.diam., bears N.40 $\frac{1}{2}$ °W., 121 lks.
	dist., marked $\frac{1}{4}$ S 19 B T
	Thence
	N.2°07'E., with continuous measurement.
	Continue descent over broken N. and NW. slopes.
11.00	Enter aspen timber, bears NE. and SW.
14.75	Indications of coal extend NE. and SW.
17.40	Draw, 100 ft. below $\frac{1}{4}$ sec. cor., heads about 2 chs. SE. and drains NW.; gradually ascend along W. slope.
22.50	Spur, projects NW.; descend abruptly N. slope through scattering patches of dense timber.
29.53 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a large mound

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

of stone for north sixteenth-section cor. bet. secs.  
19 and 20, with brass cap marked

N $\frac{1}{16}$	
S19	S20
1925	

from which

An aspen, 5 ins. diam., bears S. 73° W., 42 lks.  
dist., marked N 1/16 S 19 B T

No other bearing trees available.

Cor. stands on steep NW. slope in E. edge of dense aspen  
thicket, 225 ft. below spur.

Continue abrupt descent.

60.15 Indications of coal on line.

62.40 Spur, projects N. 30° W.; descend abruptly grassy N. slope.

64.40 Enter dense timber and undergrowth, bears E. and W.

72.00 Gordon Creek, 10 lks. wide, 3 ins. deep, good water, in  
bottom of S. edge of Gordon Creek Canyon, 425 ft. below  
spur, course NE.; leave timber, thence across bottom  
of canyon.

75.30 National Coal Railroad, (now under construction) in  
north edge of bottom of Gordon Creek Canyon, bears NE.  
and SW.; ascend abruptly 300 ft. over S. slope broken  
by ledges and through dense undergrowth to

79.07 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in  
the ground on solid rock and 12 ins. in a mound of  
stone for cor. of secs. 17, 18, 19 and 20, with brass  
cap marked

T13S	R8E
S18	S17
S19	S20
1925	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
Land, rough mountainous; general N. and S. exposure and  
drainage from high ridge at 35.85 chs.

Soil, mountain loam and rocky of sandstone formation;

Chains

2nd. and 4th. rates.

Timber, dense aspen thickets and scattering patches of spruce.

Undergrowth, oak, sage, service berry and buck brush.

Good grazing.

From the reconstructed original cor. of secs. 16, 17, 20 and 21.

N.89°13'W., on true line bet. secs. 17 and 20.

Ascend E. slope over rough mountainous land through oak, sage, service berry brush and grass.

5.00 Enter dense oak brush, bears N. and S.

7.80 High spur, 255 ft. above sec. cor., projects S.; leave oak brush and begin descent over W. slope.

8.97 Entry of Consumer's Mutual No. 2 Line, bears N.70°15'W.

14.30 Enter spruce timber, bears N. and S.

15.80 Draw, 210 ft. below spur, drains SW.; descend along S. slope.

18.00 Draw, 625 ft. below spur, drains SW.; gradually ascend along general S. slope leaving timber and entering dense oak brush.

27.50 Spur, projects S.; leave oak brush, bears N. and S.; descend abruptly.

33.70 National Coal Railroad, (now under construction) at base of east side of Gordon Creek Canyon, bears NW. and SE.; thence across canyon.

39.00 Wash, 50 lks. wide, 1/4 ft. deep, from draw to the NE., drains S.

40.57 The original 1/4 sec. cor., which is a sandstone, 16x8x8 ins. above ground, firmly set, marked 1/4 on N. face and witnessed by a few deeply embedded stones around cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for 1/4 sec. cor., with brass cap marked



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S.10E R.10E

Chains

from which

A spruce, 12 ins.diam., bears S.83°W., 542 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T

A spruce, 20 ins.diam., bears N.81½°W., 505 lks.  
dist., marked  $\frac{1}{4}$  S 17 B T

From  $\frac{1}{4}$  sec. cor., the point of a spur around which the  
National Coal Railroad is being constructed to  
the Consumer's Mutual Coal Mine, bears N.33½°W., 8.00  
chs. distant.

Thence

S.88°38'W., with continuous measurement.

- 41.00 Canyon road, bears N. and SE.  
42.50 Gordon Creek, 6 lks. wide, 3 ins. deep, good water, in  
wash, 1 ch. wide, 20 ft. deep, course SE.; enter dense  
timber and undergrowth and ascend abruptly over E. slope.  
50.00 Top of steep ascent 200 ft. above creek, bears N. and S.;  
thence along broken N. slope through dense aspen timber.  
55.50 Draw, 50 ft. deep, drains N.  
60.69 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for west sixteenth-section cor. bet. secs.  
17 and 20, with brass cap marked

$$\begin{array}{r} \frac{1}{W \ 16} \quad \frac{S17}{S20} \\ 1925 \end{array}$$

from which

A spruce, 12 ins.diam., bears S.49½°E., 34 lks.  
dist., marked W 1/16 S 20 B T

A spruce, 6 ins.diam., bears N.61°W., 19 lks.  
dist., marked W 1/16 S 17 B T

Cor. stands on steep N. slope in dense spruce timber;  
the junction of Bryner and Gordon Creek Canyons bears  
northwesterly about 7 chs. distant; houses extend  
northwest up Bryner Canyon.

- 68.00 Leave heavy timber and begin abrupt descent into canyon,  
bears N. and S.

- 72.80 Leave timber, bears NE. and SW.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

- 73.00 Gordon Creek, 6 lks. wide, 4 ins. deep, in wash, 35 lks. wide, 10 ft. deep, in bottom of canyon, 150 ft. below west 1/16 sec. cor., course NE.; thence across bottom of Gordon Creek Canyon.
- 76.25 National Coal Railroad, (now under construction) bears NE. and SW.; leave canyon and ascend abruptly over SE. slope 325 ft. to
- 80.81 The cor. of secs. 17, 18, 19 and 20.  
Land, rough mountainous with steep, general SW., N. and SE. slopes into Gordon Creek Canyon which drains SE.  
Soil, mountain loam and rocky of sandstone formation; 2nd. and 4th. rates.  
Timber, aspen and spruce; dense in the west half mile.  
Undergrowth, oak, sage, service berry and buck brush.  
Good grazing.
- 
- From the cor. of secs. 18 and 19 on the west boundary of the Tp. established by Howard W. Miller, U. S. surveyor in 1914, which is a sandstone, 10x8x8 ins. above ground, firmly set, marked with 3 notches on N. and 3 notches on S. edge; from which
- An aspen, 6 ins. diam., bears N. 42° E., 29 lks.  
dist., marked T 13 S R 8 E S 18 B T
- An aspen, 6 ins. diam., bears S. 39½° E., 19 lks.  
dist., marked T 13 S R 8 E S 19 B T
- N. 88° 33' E., on true line bet. secs. 18 and 19.  
Descend SE. slope over rough mountainous land through dense undergrowth of oak, service berry and buck brush.
- .15 Wire fence, bears N. and S.
- 7.85 Bryner Canyon, 190 ft. below sec. cor., drains NE.; leave dense undergrowth and enter dense young spruce timber, bears NE. and SW.; ascend NW. slope.
- 11.20 Leave spruce and enter aspen timber, bears N. and S.
- 13.00 Top of ascent, thence along N. slope.
- 14.50 Draw, drains N.; gradually ascend.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 32 N.

## Chains

- 16.00 Leave aspen timber, bears N. and S.
- 18.15 Spur, 35 ft. above draw, projects N. and reenter aspen timber, bears N. and S.; descend NE. slope.
- 23.20 Draw, 35 ft. below spur, drains N.; ascend.
- 24.00 Leave aspen timber, bears N. and S.
- 25.65 Low spur, projects N.; thence over grassy slope.
- 28.25 Enter aspen timber, bears N. and S.
- 31.15 Gully, drains N.; ascend NW. slope 100 ft. to  $\frac{1}{4}$  sec. cor.
- 34.00 Leave aspen timber, bears N. and S.
- 39.99 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 20x14x6 ins., loosely set in a mound of stone, marked  $\frac{1}{4}$  on N. face; no accessories to cor.

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone and stand original cor. monument alongside, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{S18}{S19} \\ 1925 \end{array}$$

from which

An aspen, 7 ins.diam., bears N.  $72^{\circ}E.$ , 159 lks.  
dist., marked  $\frac{1}{4}$  S 18 B T

An aspen, 6 ins.diam., bears S.  $63\frac{1}{2}^{\circ}W.$ , 483 lks.  
dist., marked  $\frac{1}{4}$  S 19 BT

Thence

S.  $88^{\circ}34'E.$ , with continuous measurement.

Continue gradual ascent along NW. slope.

- 47.15 Top of high ridge spur and divide bet. Bryner and Gordon Creek Canyons, bears NE. and SW.; descend general SE. slope through dense undergrowth of oak, sage, service berry and buck brush.
- 48.65 Enter aspen timber, bears NE. and SW.
- 53.40 Leave aspen timber, bears N. and S.
- 57.85 The N. point of an aspen thicket, bears SE. and SW.
- 66.90 Draw, 560 ft. below ridge, drains SE.; ascend.
- 70.80 Spur, 45 ft. above draw, projects SE.; descend along

- and SE. slopes 65.ft. to
- 30.06 The cor. of secs. 17,18,19, and 20.  
Land, rough mountainous; general N. and S. exposure  
from high ridge and general E. drainage.  
Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.  
Timber, aspen and spruce.  
Undergrowth, oak, sage, service berry and buck brush.  
Good grazing.
- N.2°28'W., on true line bet. secs. 17 and 18.  
Ascend abruptly S. slope over rough mountainous land  
through oak, sage, service berry and buck brush.
- 0.90 Point of ridge spur and divide bet. Bryner and Gordon  
Creek Canyon, 300 ft. above sec. cor., bears E. and  
W.; enter dense aspen timber and begin abrupt descent  
over N. slope.
- 5.50 Creek, 3 lks. wide, 3 ins. deep, good water, in bottom  
of Bryner Canyon, 440 ft. below spur, course E. about  
5 chs. thence SE.; ascend abruptly over S. slope.
- 6.50 Leave timber and reenter dense undergrowth, bears E. and  
W.
- 8.85 Ridge spur and divide bet. Bryner Canyon and fork of  
Gordon Creek Canyon, 450 ft. above Bryner Canyon,  
bears NW. and SE.
- 9.10 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 9x11x6  
ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face  
and witnessed by a mound of stone 3 ft. base, 2 ft.  
high, E. of cor.  
Alongside original cor.,  
Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in  
the ground on solid rock and 20 ins. in a large mound of  
stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13S. R.6E. S.7

## Chains

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Thence

N.  $0^{\circ}31'E.$ , with continuous measurement.

Descend NE. slope through dense undergrowth.

39.15 Old road, bears NW. and SE.

44.50 Old road, bears NW. and SE.

45.40 Enter aspen timber, bears NW. and SE.

57.00 Road, from Beaver Canyon to Price and Helper, Utah,  
bears NW. and SE.

57.80 Stream,  $4\frac{1}{2}$  lks. wide, 2 ins. deep, good water, in bottom  
of fork of Gordon Creek Canyon, 300 ft. below  $\frac{1}{4}$  sec.  
cor., course SE.; the water in this stream is carried  
over the divide from Beaver Canyon in a ditch and  
emptied into Gordon Creek Canyon. Ascend along general  
W. slope through very dense maple undergrowth.

59.80 Mile post No. 19, on old county road from Price to  
Scofield, Utah, bears W. about .50 lks. distant.

63.40 Draw, drains SW.; ascend abruptly S. slope.

65.40 Leave aspen timber and maple undergrowth, bears NE. and  
SW.

68.15 Enter aspen timber, bears NE. and SW.

69.90 Leave aspen timber, bears NE. and SW.

76.99 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in  
the ground for cor. of secs. 7, 8, 17, and 18, with  
brass cap marked

T13S	R6E
S7	S8
S18	S17
1925	

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Cor. stands on steep S. slope in dense sage and scatter-  
ing oak brush, 575 ft. above Gordon Creek Canyon.

From sec. cor., house at Gibson Mining Camp, bears S.  $28^{\circ}$   
 $15'E.$ ; Portal of Consumer's Mutual Coal Mine on W. side  
of Gordon Creek Canyon, bears S.  $27^{\circ}17'E.$ ; portal of

old Gibson Coal Mine, on E. side of Gordon Creek Canyon  
and about east of portal of Consumer's Mutual Mine,  
bears S.31°15'E.

Land, rough mountainous; general SE. exposure and drainage.

Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.

Timber, dense aspen thickets.

Undergrowth, oak, sage, service berry, maple and buck  
brush.

Good grazing.

From the reconstructed original cor. of secs. 8,9,16,  
and 17.

N.89°09'W., on true line bet. secs. 8 and 17.

Gradually ascend over mountainous land through aspen  
timber and sagebrush undergrowth.

4.50 Old road, bears NE. and SW.

8.60 Ridge and divide bet. drainage into Beaver Canyon and  
drainage into Gordon Creek Canyon, 50 ft. above sec.  
cor., bears NW. and SE.; ridge ascends abruptly to  
high point to the NW. Leave aspen timber, bears NW.  
and SE. and descend abruptly SW. slope.

12.75 Enter dense oak brush, bears N. and S.

19.00 Bottom of draw, 255 ft. below ridge, heads about 10 chs.  
N. and drains S.; ascend SE. slope.

27.90 Spur, 200 ft. above draw, projects S.; descend abruptly.

32.00 Ledge, 30 ft. high, bears NW. and SE.

34.60 Draw, heads about 6 chs. N. and drains S., 180 ft. below  
spur; ascend.

40.00 Spur, 125 ft. above draw, projects S.; descend.

41.02 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in  
the ground on solid rock and 30 ins. in a large mound  
of stone, on the west side and against a small ledge  
outcropping 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

cap marked

38  
1  
S17  
1925

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
Descend abruptly over W. slope.

15.00 Draw, 170 ft. below spur, drains SW.; thence along S.  
slope entering very dense undergrowth. Aspen timber  
just S. of line.

16.00 Low point, projects S.; descend.

17.00 Canyon, 260 ft. below point, drains S. and heads about  
30 chs. N. at high ridge divide; dense aspen timber  
in bottom of canyon. Ascend abruptly.

18.00 Spur, 150 ft. above canyon, projects S.; descend.

19.00 Canyon, 45 ft. below spur, drains S. 30° E.; a small seep  
on line. Ascend abruptly E. slope.

20.00 Ridge, 260 ft. above canyon, bears N. and S. and comes  
from divide bet. Beaver and Gordon Creek Canyons,  
about 2 chs. N.; thence along S. slope to

21.00 The cor. of secs. 7, 8, 17 and 18.

1st., rough mountainous; N. exposure and drainage on E,  
S. 60 chs. and S. exposure and drainage on remainder of  
mile.

2nd., mountain loam and rocky of sandstone formation; 2nd.  
and 3rd. rates.

Timber, scattering aspen thickets.

Undergrowth, oak, sage, service berry and buck brush.  
Good grazing.

The original cor. of secs. 7 and 18 on the 7. bdy. of  
the Tp. is a sandstone, 12x12x6 ins. above ground,  
firmly set, marked with 2 notches on N. and 4 notches  
on S. edge; from which

An aspen, 8 ins. diam., bears N. 31° E., 47 lks.

dist., marked T 13 S R 8 E S 7 B T

The bearing tree in sec. 18 has been destroyed,

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

chains

I mark a new tree as follows:

An aspen, 8 ins.diam., bears S.69°E., 191 lks.

dist., marked T 13 S R 8 E S 18 B T

Thence

S.87°53'E., on true line bet. secs. 7 and 18.

Descend over mountainous land through scattering aspen timber and undergrowth.

- .05 Wire fence, bears N. and S. 1.50 chs. to fence corner from which fences bear N.60°E. and SW.
- 4.96 Wire fence, bears N.60°E. and S.60°W.
- 8.25 Stream, 3 lks. wide, 2 ins. deep, good water, 100 ft. below sec. cor., course S.20°E.; leave timber, bears N. and S.; thence across bottom of Beaver Canyon through sagebrush undergrowth.
- 10.45 Old county road from Price to Scofield, Utah, bears NE. and SW.
- 17.25 Small group of spruce timber bears NE. and SW.
- 17.65 Leave timber and enter willow undergrowth, bears NE. and SW.
- 19.45 Beaver Creek, 5 lks. wide, 6 ins. deep, flows through swamp land, course NE.
- 23.00 Leave Beaver Canyon and willow undergrowth and enter aspen and spruce timber, bears NE. and SW.; ascend
- 24.20 Ditch, 3 ft. wide, 3 ft. deep, course NE.
- 37.00 Top of ascent 60 ft. above creek; gradually descend.
- 37.47 The original  $\frac{1}{4}$  sec. cor., which is an aspen tree, 6 ins. in diameter, marked  $\frac{1}{4}$ S on N. face and blazed on E. and W. faces; from which
- An aspen, 5 ins.diam., bears N.14 $\frac{1}{2}$ °E., 7 lks.  
dist., marked  $\frac{1}{4}$  S B T
- An aspen, 5 ins.diam., bears S.5°E., 19 lks..  
dist., marked  $\frac{1}{4}$  S B T
- Alongside base of original cor.,
- Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

$\frac{1}{2}$  S7  
 S18  
 1925

from which

A spruce, 6 ins.diam., bears N.82°E., 21 lks.

dist., marked  $\frac{1}{2}$  S 7 B TA spruce, 6 ins.diam., bears S.64 $\frac{1}{2}$ °E., 29 lks.dist., marked  $\frac{1}{2}$  S 18 B T

Note: The original bearing trees are scribed on the bark of the trees and the new trees, therefore, were taken to more fully perpetuate the cor.

Thence

N.89°33'E., with continuous measurement.

42.15 Same ditch, course SE.

42.80 Leave timber, bears N. and S.

43.40 Draw, 125 ft. below  $\frac{1}{4}$  sec. cor., drains N.; ascend NW. slope.

44.00 Old county road from Price to Scofield, Utah, bears N. and S.

44.10 Enter aspen thicket, bears N. and S.

45.25 Leave aspen thicket, bears N. and S.; ascend over grassy slope.

45.50 Same ditch, course NE.

51.00 Top of ascent, 175 ft. above draw; thence along nearly N. slope.

54.25 Top of ridge and divide bet. Beaver Canyon and Gordon Creek Canyon, bears N.80°E. and S.80°W.; descend along S. and SE. slopes.

56.03 From this point house at Gibson Coal Mining Camp, bears S.44°E.; portal of old Gibson Coal Mine on E. side of Gordon Creek Canyon, bears S.44°15'E.

57.00 Enter aspen timber, bears NE. and SW.

64.00 Head of fork of Gordon Creek Canyon, 150 ft. below divide, drains S.; in the bottom of canyon is a stream, 3 lks. wide, 3 ins. deep, the water being brought from Beaver Creek in a ditch which crosses the divide bet. Beaver and Gordon Creek Canyons in a cut about 3 chs. long, the S. end of which bears N. about 2 chs. distant.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

ascends	Ascend.
66.75	Leave aspen timber, bears NW. and SE.
73.00	Enter oak brush, bears NE. and SW.
75.15	Low spur, 50 ft. above head of canyon, projects S.; descend 50 ft. to
78.39	The cor. of secs. 7, 8, 17 and 18. Land, mountainous; general N. and S. exposure and drainage into Beaver and Gordon Creek Canyons which drain NE. and SE. respectively. Soil, mountain loam and rocky of sandstone formation; 2nd. and 4th. rates. Timber, dense aspen and spruce. Undergrowth, oak, sage, service berry and grass. Good grazing.
	<hr/>
	N.0°53'W., on true line bet. secs. 7 and 8. Ascend abruptly S. slope over rough mountainous land through dense sage and scattering oak brush.
5.00	Ridge and divide bet. Beaver and Gordon Creek Canyons, 150 ft. above sec. cor., bears E. and W.; descend N. slope.
0.40	Enter dense aspen and scattering pine timber, bears E. and W.
6.00	Enter bottom of Beaver Canyon and leave timber, bears N.80°E. and S.80°W.; thence across canyon.
6.70	Beaver Creek, 3 lks. wide, 2 ins. deep, good water, in canyon 250 ft. below ridge, course N.80°E.
8.10	Road, bears N.70°E. and S.70°W.
8.20	Leave canyon and enter dense aspen timber, bears N.70°E. and S.70°W.; ascend.
9.40	Fence, bears N.80°E. and S.80°W.
11.40	Point of spur, projects SE.; thence along E. slope.
5.00	Draw, drains SE.; ascend abruptly S. slope.
8.00	Spur, 400 ft. above canyon, projects SE.; thence along gentle E. slope.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S.14 E.3 N.

Chains

39.00 Enter aspen timber, bears NW. and SE.

39.90 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x12x8 ins., lying on the ground, marked  $\frac{1}{4}$  on one face; deeply embedded stones around cor.

Reset stone, 8 ins. in the ground, marked  $\frac{1}{4}$  on W. face and alongside,

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S7 | S8  
1925

from which

An aspen, 6 ins. diam., bears S.  $36\frac{1}{2}^{\circ}$  E., 42 lks. dist., marked  $\frac{1}{4}$  S 8 B T

An aspen, 6 ins. diam., bears N.  $24\frac{1}{2}^{\circ}$  W., 22 lks. dist., marked  $\frac{1}{4}$  S 7 B T

Thence

N.  $2^{\circ}$   $48'$  E., with continuous measurement.

Continue along general E. slope.

48.00 Ridge, bears E. and W.; enter spruce with the aspen timber and begin steep descent over N. slope.

60.00 Leave spruce and continue through large aspen timber, bears E. and W.

60.25 Stream, 1 lk. wide, 1 in. deep, good water, in bottom of Sand Gulch, 360 ft. below ridge, course E.; ascend.

61.25 Drag road, bears E. and W.

68.00 Enter dense, tall undergrowth with timber, bears E. and W.

76.00 Top of steep ascent and leave dense timber and undergrowth, 465 ft. above gulch, bears NE. and SW.

80.56 The original cor. of secs. 5, 6, 7, and 8, which is a sandstone, 16x8x8 ins., lying on the ground, marked with 5 notches on one and 5 notches on cornering edge, and witnessed by a few scattered stones around cor.

chains

Reset cor. monument 12 ins. in the ground, marked with 5 notches on E. and 5 notches on S. edge and alongside of which,

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T13S	R8E
S6	S5
S7	S8
1925	

from which

An aspen, 6 ins. diam., bears N. 69° E., 22 lks.

dist., marked T 13 S R 8 E S 5 B T

An aspen, 6 ins. diam., bears S. 65½° E., 20 lks.

dist., marked T 13 S R 8 E S 8 B T

An aspen, 6 ins. diam., bears S. 48½° W., 22 lks.

dist., marked T 13 S R 8 E S 7 B T

No other bearing trees available.

Deposit a broken brown glass quart bottle at base of monument; also,

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous; S. exposure and drainage on S. 5 chs. and general NE. exposure and drainage on remainder of mile.

Soil, mountain loam streaked with rock of sandstone formation; 2nd. and 4th. rates.

Timber, dense aspen and scattering spruce.

Undergrowth, sage, oak, service berry and buck brush.

Good grazing.

From the reconstructed original cor. of secs. 4, 5, 8, and 9. N. 89° 52' W., on true line bet. secs. 5 and 8.

Descend grassy W. slope over mountainous land.

1.15 Fence line, bears about N. and S.

7.00 Enter aspen and scattering spruce timber, bears NE. and SW.; descend NW. slope.

10.00 Slope changes to nearly W.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

## Chains

- 17.40 E. edge of bottom of Beaver Canyon and leave timber, 400 ft. below sec. cor., bears N. and S.; thence across canyon through dense sagebrush.
- 19.60 Fence, bears N. and S.; another fence bears E. from this one about 4.50 chs. S.
- 20.40 Beaver Creek, 6 lks. wide, 3 ins. deep, good water, course N.10°E.
- 21.00 Old road, bears N. and S.
- 22.00 Leave canyon and enter dense timber, bears N. and S.; ascend abruptly.
- 33.40 Leave timber, bears NW. and SE.
- 35.50 Spur, 400 ft. above canyon, projects S.80°E.; thence along S. slope.
- 41.70 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 5x9x5 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face; no accessories to cor.
- Alongside original cor.,
- Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \quad \underline{S5} \\ 188 \\ 1925 \end{array}$$
- from which
- An aspen, 4 ins. diam., bears S.65 $\frac{1}{2}$ °W., 205 lks. dist., marked  $\frac{1}{4}$  S 8 B T
- An aspen, 4 ins. diam., bears N.82°W., 92 lks. dist., marked  $\frac{1}{4}$  S 5 B T
- Cor. stands on S. slope in scattering oak and sagebrush.
- Thence
- N.89°07'W., with continuous measurement,
- 44.00 Enter aspen timber and dense undergrowth, bears NW. and SE.
- 50.00 Leave timber, bears NE. and SW. and begin ascent over SE. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
54.00	Leave dense undergrowth and reenter dense timber bent to slope of ridge which is caused by deep snow.
62.95	Rocky point, 300 ft. above $\frac{1}{4}$ sec. cor., projects S.; descend along S. slope near top of ridge.
78.00	Head of draw, 50 ft. below ridge, drains S.; gradually ascend to
80.71	The cor. of secs. 5, 6, 7 and 8.
	Cor. stands on SE. slope near top of ridge and in N. edge of a small aspen grove.
	Land, mountainous; general S. and N. exposure and general NE. drainage.
	Soil, mountain loam and rocky of sandstone formation; 2nd. and 4th. rates.
	Timber, aspen and a few scattering spruce.
	Undergrowth, sage, oak, service berry brush and grass.
	Good grazing.
	<p>from the cor. of secs. 6 and 7 on the west Bdy. of the Tp. established by Howard W. Miller, U. S. surveyor in 1914, which is a sandstone, 10x8x8 ins., above ground, firmly set, marked with 1 notch on N. and 5 notches on S. edge; from which</p> <p>an aspen, 10 ins. diam., bears N. 55° E., 47 lks. dist., marked T 13 S R 8 E S 6 B T</p> <p>an aspen, 8 ins. diam., bears S. 24° E., 24 lks. dist., marked T 13 S R 8 E S 7 B T</p>
	Thence
	S. 85° 24' E., on true line bet. secs. 6 and 7.
	Over rough mountainous land through aspen and pine timber and scattering undergrowth.
2.00	Bottom of canyon and small stream, 1 lk. wide, 1 in. deep, course NE.; ascend NW. slope.
10.50	Leave pine timber, bears N. and S.; ascend more gradually.
21.50	Leave aspen timber, bears N. 30° W. and S. 30° E.
30.00	Wide ridge, 100 ft. above canyon, bears NE. and SW.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T12S R24E

## Chains

35.00 E. brink of ridge, bears NE. and SW.; gradually ascending along S. slope through scattering aspen timber.

36.85 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 11x20 ins., lying on the ground, marked  $\frac{1}{4}$  on one face and witnessed by an old deeply embedded mound of stone N. of cor.

Reset original cor. monument 10 ins. in the ground, marked  $\frac{1}{4}$  on N. face, alongside of which,

set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S6

S7

1925

from which

an aspen, 6 ins. diam., bears S. 80 $\frac{1}{2}$ ° W., 79 lks.  
dist., marked  $\frac{1}{4}$  S 7 B T

an aspen, 6 ins. diam., bears N. 54° W., 48 lks.  
dist., marked  $\frac{1}{4}$  S 6 B T

Cor. stands on S. slope near top of ridge.

Thence

N. 85° 17' E., with continuous measurement

Continue along S. slope of ridge in edge of leaning aspen bent by deep snow.

58.00 Thence along top of ridge through dense sagebrush undergrowth and through small aspen thickets.

77.00 Leave ridge, bears NE. and SW.; descend SE. slope.

79.81 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous; general NE. exposure and drainage.  
Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.

Timber, dense aspen thickets and scattering pine.

Undergrowth, sagebrush and scattering oak and service berry brush.

Good grazing.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains	
	N.1°13'E., on true line bet. secs. 5 and 6.
	Ascend over mountainous land through dense sagebrush.
1.50	Ridge, bears NE. and SW.; gradually descend NW. slope. through dense sagebrush and scattering aspen thickets.
13.40	Enter burnt aspen and spruce timber and begin steep descent over N. slope, bears E. and W.
30.60	Stream, 2 lks. wide, 1 in. deep, good water, in canyon, 425 ft. below ridge, course E.; leave burnt area and ascend S. slope through dense aspen timber.
39.19	Proportionate point. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> <math>\frac{1}{4}</math>  S6.   S5  1925 </div>
	from which An aspen, 10 ins.diam., bears N.37 $\frac{1}{2}$ °E., 50 lks. dist., marked $\frac{1}{4}$ S 5 B T An aspen, 10 ins.diam., bears S.63°W., 106 lks. dist., marked $\frac{1}{4}$ S 6 B T Also, deposit a sandstone, 9x8x2 ins., marked with a cross (X) on one face at base of monument. Cor. stands on general SE. slope in large aspen timber, 220 ft. above canyon; continue ascent.
45.00	Ridge, 110 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; descend over N. and NW. slopes through dense timber and undergrowth.
72.70	Enter bottom of canyon and leave timber, bears E. and W.; thence across canyon through dense willow undergrowth.
74.00	Stream, 3 lks. wide, 2 ins. deep, good water, 350 ft. below ridge, course E.
76.00	Leave canyon and willow undergrowth, enter aspen timber, bears E. and W.; ascend.
78.38	The reconstructed original cor. of secs. 5 and 6 on the N. bdy. of the Tp. heretofore described.



## BOUNDARIES OF T.13 S., R.8 E.

Chains

ENLSDO

Land, mountainous; general NE. exposure and drainage.  
 Soil, brown loam and rocky of sandstone formation; 2nd.  
 and 3rd. rates.  
 Timber, dense aspen and spruce.  
 Undergrowth, sage, service berry, oak, and willow.  
 Good grazing.

## BOUNDARIES OF T.13 S., R.8 E.

Latitudes, departures and closing errors.

Lines designated	True bearings	Distances Chs	Latitudes		Departures	
			N chs	S chs	E chs	W chs
W. Bdy. T13SR8E	S. 0° 49' W.	31.08	.....	31.08	.....	.44
"	South	126.76	.....	126.76	.....	.....
"	S. 0° 08' W.	320.24	.....	320.24	.....	.75
S. Bdy. T13SR8E	S. 89° 52' E.	39.78	.....	.09	39.78	.....
"	S. 89° 50' E.	40.33	.....	.12	40.33	.....
"	S. 89° 22' E.	40.96	.45	.....	40.96	.....
"	S. 89° 01' E.	40.44	.....	.69	40.43	.....
"	S. 89° 46' E.	40.07	.....	.16	40.07	.....
"	N. 89° 35' E.	40.55	.29	.....	40.55	.....
"	N. 89° 47' E.	40.48	.15	.....	40.48	.....
"	N. 89° 50' E.	40.58	.12	.....	40.58	.....
"	S. 87° 23' E.	40.68	.....	1.86	40.64	.....
"	N. 88° 54' E.	79.54	1.53	.....	79.53	.....
"	N. 89° 24' E.	39.98	.42	.....	39.98	.....
E. Bdy. T13SR8E	N. 0° 16' W.	40.17	40.17	.....	.....	.19
"	N. 0° 16' E.	40.08	40.08	.....	.19	.....
"	N. 3° 03' W.	197.95	197.67	.....	.....	10.53
"	N. 0° 32' E.	41.06	41.06	.....	.38	.....
"	N. 1° 10' E.	40.37	40.36	.....	.82	.....
"	N. 0° 50' E.	40.05	40.05	.....	.57	.....
"	N. 4° 14' E.	80.42	80.20	.....	5.94	.....
N. Bdy. T13SR8E	S. 89° 48' W.	39.72	.....	.14	.....	39.72
"	S. 88° 30' W.	39.88	.....	1.04	.....	39.87
"	N. 88° 35' W.	38.72	.97	.....	.....	38.70
"	N. 89° 54' W.	39.80	.07	.....	.....	39.80
"	S. 89° 32' W.	38.91	.....	.32	.....	38.91
"	N. 89° 39' W.	39.99	.24	.....	.....	39.99
"	S. 87° 45' W.	39.93	.....	1.57	.....	39.90
"	N. 89° 01' W.	40.95	.70	.....	.....	40.94
"	S. 89° 44' W.	79.39	.....	.37	.....	79.39
"	S. 89° 40' W.	40.55	.....	.24	.....	40.55
"	N. 89° 33' W.	40.13	.32	.....	.....	40.13
Convergence			.....	.....	.....	.60
Totals			484.85	484.68	491.23	490.41
			484.68			
Error in latitude			.17		490.41	
Error in departure					.82	

## GENERAL DESCRIPTION

### GENERAL DESCRIPTION, T.13 S., R.8 E.

This township is situated on top and on the south breaks of the Wasatch Plateau and comprises chiefly rough mountainous land ranging in elevation from 7000 ft. in the southern portion to 9000 ft. above sea level in the northern portion. The northwest part of the township is drained by Beaver Canyon and its tributaries, the northeast part by Burnt Tree and Spring Canyons and the south half by Gordon Creek and Wildcat Canyons. The south portion consists of low, broken, bench lands and from these benches the slopes rise abruptly to high ridges, spurs and mountain breaks which project from the summit of the plateau extending in an easterly and westerly direction, entering the township in sec. 18 and leaving in sec. 13. Another divide, separating Beaver and Spring Canyons enters the township in sec. 3 and bears in a southwesterly direction to the SW  $\frac{1}{4}$  sec. 4 which is the highest point of elevation in the township, where it joins the divide extending in an easterly and westerly direction.

The soil is a brown mountain loam streaked with rock and ledge outcroppings of sandstone formation. In the canyons it is very fertile and capable of producing abundant crops with the aid of irrigation. In the east central portion where the plateau breaks off abruptly to the south, numerous sandstone ledges are exposed and from these ledges, the talus slopes strewn with sandstone boulders are of blue clay formation and extend to the bench lands to the south.

The township is well watered by Gordon, Beaver and Spring Canyon Creeks together with their tributaries. There are also numerous small springs and seeps scattered throughout the township and some of them flow the entire year. In section 7 a ditch has been constructed

## GENERAL DESCRIPTION

in which the water has been diverted from Beaver Creek and carried across the divide between Beaver and Gordon Creeks where it is emptied into Gordon Creek so as to increase the supply of water in that stream and later used for irrigation purposes in the farming areas in the southern portion of the township. The water is generally of good quality and free from mineral substances.

In the higher portions of the township and on the sheltered north slopes, considerable aspen and spruce timber is found while on the lower slopes and on the benches cedar and pinon grows abundantly. The spruce timber in secs. 4,5,6,7,8, and 9 is of good quality. Considerable oak, sage, service berry, buck, mahogany and maple brush together with a luxuriant growth of grass is found over the entire township; however, the north slopes are usually free from the underbrush and covered with the grass.

The general formations and conditions indicate that the greater portion or north two-thirds of this township is underlaid with coal and is a part of the vast coal producing area in this portion of the state of Utah. The Mutual Coal Co. and the Liberty Fuel Co. have mined considerable areas in secs. 1,12, and 13. These companies have spent hundreds of thousands of dollars building railroads, tipplers, power lines, tunnels, air shafts, etc., for the development of their properties and the coal mined by them has been considered to be a very high standard bituminous. In the western portion of the township, especially in secs. 17,18,19, 20,21,28, and 29, the Consumers Mutual Coal Co., the National Coal Co., the Union Coal Co., the Gordon Creek Coal Co., and the Great Western Mines Co., have done considerable work looking to the development of the coal in this area. While the resurvey of this

GENERAL DESCRIPTION .

township was in progress the National Coal Railroad, a branch line of the Utah Coal Route was constructed from sec. 5, T.14 S., R.9 E. to sec. 17, T.13 S., R.8 E. The Consumers Mutual Coal Co. were opening their mine and building a tipple and from the information now at hand the railroad is completed, Power lines extended to this area and the Consumers Mutual Mine is operating. The Gibson Mine in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.17 has operated for some time, but owing to <sup>the lack of</sup> transportation and other facilities the mine output has been very small. The Jack Dempsey Mine in the NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 20 has also been opened but not extensively operated.

No indications of mineral other than the coal were noted in the township.

The township is fairly well inhabited, Morton and Mutual Utah, with a combined population of about 1000 people are situated in secs. 1 and 12; Coal City with a population of about 100 is in sec. 27 and Gibson with another 100 population is in sec. 17. The occupation of the residents of these settlements is chiefly mining. Numerous ranchers are living along Gordon Creek and on other isolated tracts throughout the township. The areas they have under cultivation are producing good crops; however, owing to the elevation above sea which is about 7500 ft, only the most hardy vegetables and early maturing cereals are grown.

In addition to the vast mineral wealth and the timber in the northern portion, the mountainous lands in the township afford excellent grazing for sheep and cattle during the summer months, while the lower lands and the canyon bottoms are suitable for farming.

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**Page**

BOOK A-483

**4-680**

**FIELD ASSISTANTS.**

[illegible]

# CERTIFICATE OF UNITED STATES SURVEYOR

Howard W. Miller, and  
Andrew Nelson, U.S. Cadastral Engineers, and

We and Ralph W. Hodge, U. S. Surveyor, hereby certify upon honor that,

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 11 th. day of July, 19 23, <sup>we</sup> have well, faithfully, and

in our own proper person and in strict conformity with said instructions, the Manual of Surveying

tions, and the laws of the United States, <sup>re-</sup> surveyed all those parts or portions of north and

east boundaries and subdivision of T.13 S., R.8 E.

of the Salt Lake

and Meridian, in the State of Utah, which are represented

the foregoing field notes as having been executed by us and under our direction; and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instr

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes

such survey. Certified to at:

Salt Lake City, Utah, May 20, 1926

Washington, D.C. August 7, 1926

Salt Lake City, Utah, Jan. 19, 1927

APPROVAL.

U. S. Cadastral Engineer

Supervisor of Surveys  
OFFICE OF THE UNITED STATES

Denver, Colorado. February 21, 1927, 19

The foregoing field notes of the ~~survey~~ dependent resurvey of the north, south

and east boundaries and subdivision of T. 13 S., R. 8 E., S.L.B. & M.,

executed by Howard W. Miller & Andrew Nelson, U.S. Cadastral Engineers, and Ralph  
W. Hodge, U. S. Surveyor,

under ~~his~~ special instructions dated July 11, 1923, 19 , having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.

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**Page**

BOOK 11-483

## FIELD NOTES

RECEIVED

JAN 19, 1927

District Cadastral Engineer,  
Salt Lake City, Utah

OF THE SURVEY OF THE

SUBDIVISION - OF - SECTIONS

1. 2. 11. 12. 13. 14. 15. 20. 22. 23. and 24.

T. 13 S. R. 8 E.

Of the Salt Lake Base and Meridian,State of Utah

EXECUTED BY

HOWARD W. MILLER, U. S. CADASTRAL ENGINEERandRALPH W. HODGE, U. S. SURVEYORunder instructions dated July 11 1923

by the United States Surveyor General to govern surveys included in

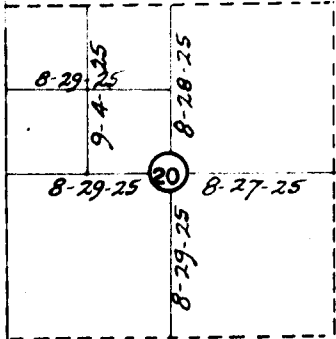
No. 123, which were approved by the Commissioner of the General LandJuly 23, 1923 ~~1924~~ and Supplemental Assignment Instructionsand May 10, 1925.Survey commenced August 22, 1925, ~~1924~~Survey completed October 13, 1925, ~~1924~~

BOOK A-483 ;

# INDEX DIAGRAM.

Township 13 South, Range 8 East

|    |  |    |  |  |  |
|----|--|----|--|--|--|
| 6  | 5  | 4  | 3  | <div> <div>9</div> <div>11 2 10 6 1 6</div> <div>8 12 11 8 8 4</div> <div>16 17 22 22 20</div> <div>15 11 14 20 19 21</div> <div>18 18 13 17 19</div> </div> |  |
| 7  | 8  | 9  | 10   |  |  |
| 18 | 17   | 16 | <div> <div>25</div> <div>36 15 36</div> <div>37 37 34</div> <div>37</div> </div> | <div> <div>30 30 31 32 28 24</div> <div>33 34 31 32 28 24</div> <div>30 30 31 30 25 18</div> <div>28 23 27 26 26</div> </div>                                |  |
| 19 | <div> <div>42 42 42 39</div> <div>41 41 40 40</div> <div>38</div> </div> | 21 | <div> <div>44</div> <div>45 32 45</div> <div>43</div> </div>                     | <div> <div>50 50 47</div> <div>49 33 47</div> <div>48 46</div> </div>  | <div> <div>52</div> <div>53 24 53</div> <div>51</div> </div> |
| 30 | 29   | 28 | 27   | 26   | 25   |
| 31 | 32   | 33 | 34   | 35   | 36   |



- = Lines surveyed by Howard W. Miller, U.S. Cadastral Engineer.
- = Lines surveyed by Ralph W. Hodge, U. S. Surveyor.
- = Lines surveyed jointly by Howard W. Miller, U.S. Cadastral Engineer and Ralph W. Hodge, U. S. Surveyor.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## INSTRUMENTS

Survey commenced August 22, 1925 and executed with Buff and Buff transit No. 16726 used by Howard W. Miller, U. S. cadastral engineer and Young and Sons transit No. 8531, used by Ralph W. Hodge, U. S. surveyor. Each instrument is equipt with a full vertical circle and Smith solar attachment; the horizontal limbs are placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs and vertical circle. All azimuth determinations are accomplished with the solar attachments.

These subdivision-of-section surveys were executed in conjunction with the dependent resurvey of T.13 S., Rs. 8 and 9 E. and for complete tests of these instruments see books "G" and "E" of this group.

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## MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel tapes 8 chains in length, compared with a Lufkin standard steel tape 1 chain long and found correct. The measurements are made on the slope, the vertical angle determined with a clinometer and the slope measurements properly reduced to true horizontal distances.

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## METHOD AND ORDER OF PROCEDURE

In conjunction with the dependent resurvey of T.13 S., R.8 E., certain subdivision-of-section surveys were executed within the township, being based upon the request of the U.S. Bureau of Mines and authorized in the supplemental special instructions for Group 123,

Chains

Utah, dated July 11, 1923.

The subdivisional surveys are confined to the SW $\frac{1}{4}$  sec. 1; SE $\frac{1}{4}$  sec. 2; NE $\frac{1}{4}$  and SW $\frac{1}{4}$  sec. 11; NW $\frac{1}{4}$  sec. 12; NW $\frac{1}{4}$  and SE $\frac{1}{4}$  sec. 13; N $\frac{1}{2}$  sec. 14; SW $\frac{1}{4}$  sec. 15; NW $\frac{1}{4}$  sec. 20; and the NW $\frac{1}{4}$  sec. 23, together with the establishment of the center lines of the above sections and the center lines of secs. 22 and 24. These surveys were made for the purpose of fixing the lines of partition between patented areas and Government lands leased, or subject to lease under the Act of February 25, 1920, and were confined to the particular quarters of each section subdivided by reason of the fact that all entries or subdivisions adjacent to the leased lands within the section appear to be patented, and for the best interests of the Government it was considered expedient at this time to confine the subdivisional work to each portion of the section subdivided.

In the execution of these surveys the legal center of each section subdivided, was first determined by running straight lines from the quarter-section cors. of the particular section to the opposite corresponding corner. The point of intersection of the lines thus run determined the center of the section where a center quarter-section corner was established.

The sixteenth-section corners were established at points midway between the section and quarter-section cors., and between the quarter-section cors. and the center of the section, except the center north sixteenth-section cors. secs. 1 and 2 which were established by proportionate measurement.

The sixteenth-section corners having been established as above, the center lines of the quarter-section subdivided were run straight between opposite corresponding sixteenth-section cors. on the quarter-section boundaries. The intersection of the lines thus run determined

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

the center of the quarter section where a proper sixteenth-section cor. was established.

The establishment of the sixteenth-section corners on the section lines is recorded in book "C" of this group.

## SUBDIVISION-OF-SECTION 1

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 12, described in book "C", this group.

N.  $3^{\circ}42'E.$ , on true N. and S. center line sec. 1.

Descend abruptly N. slope over rough mountainous land through dense undergrowth.

8.00 Enter scattering spruce and aspen timber, bears E. and W.

13.60 Bottom of Burnt Tree Fork of Spring Canyon, 435 ft. below  $\frac{1}{4}$  sec. cor., drains E.; leave timber and dense undergrowth ascend abruptly rocky S. slope.

14.40 Road, bears E. and W.

20.04 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center south sixteenth-section cor. sec. 1, with brass cap marked

$$\begin{array}{c} C \\ | \\ S \ 1/16 \quad | \quad S1 \\ | \\ C \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor. Cor. stands on rocky S. slope 200 ft. above canyon.

24.50 Ridge, 150 ft. above sixteenth-section cor., bears NW. and SE.; descend abruptly N. and NE. slopes through dense undergrowth.

32.00 Enter scattering timber, bears NW. and SE.

38.80 Wash, 20 lks. wide, 10 ft. deep, in bottom of fork of Spring Canyon, 265 ft. below ridge, drains SE.; ascend in canyon leaving timber.

40.08 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in

chains

the ground for center quarter-section cor. section 1,  
with brass cap marked

C  $\frac{1}{4}$  S 1

1925

from which

A pine, 12 ins.diam., bears S.  $53^{\circ}$  W., 126 lks.

dist., marked C  $\frac{1}{4}$  S 1 B T.

A pine, 18 ins.diam., bears N.  $82^{\circ}$  W., 138 lks.

dist., marked C  $\frac{1}{4}$  S 1 B T.

From cor., the SE. cor. of Frank Giocheeto's, new frame  
house, size about 30x50 ft., bears N.  $17^{\circ}09'$  W., 2.08  
chs. distant.

41.20 Canyon road, bears NW. and SE.

43.00 Leave canyon, bears NW. and SE.; ascend W. and SW. slopes  
through dense undergrowth.

60.25 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
the ground for center north sixteenth-section cor. sec.  
1, with brass cap marked

C  
N  $1/16$  | S1  
C  
1925

Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.  
Cor. stands on steep, rocky SW. slope, 375 ft. above  
canyon; continue abrupt ascent.

68.80 Top of sandstone ledge, 50. ft. high, bears NW. and SE.;  
continue ascent over broken ledges and through scrub  
timber.

80.48 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 1 and  
36 on the north boundary of the township described in  
book "C", this group.

Cor. stands on broken slope on top of ledge, 600 ft. above  
north sixteenth-section cor.



## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

Land, mountainous.

Soil, brown loam and rocky of sandstone formation; 1st. and 4th. rates.

Timber, cedar, pinon, aspen and spruce.

Undergrowth, oak, sage, service berry and buck brush.

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 2,  
described in book "C", this group.

N.  $89^{\circ}17'E.$ , on true E. and W. center line sec. 1.

Ascend abruptly steep W. and SW. slopes over mountainous  
land through oak and sagebrush undergrowth.

11.20 Spur, 200 ft. above  $\frac{1}{4}$  sec. cor., projects S.; thence  
along general S. slope.

19.50 Ridge, 75 ft. above spur, bears NW. and SE.

19.68 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in  
the ground on solid rock and 10 ins. in a mound of  
stone for center west sixteenth-section cor. sec. 1,  
with brass cap marked

C  $\frac{W. 1/16}{S 1}$  C  
1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Descend abruptly general NE. slope.

22.00 Enter dense, tall undergrowth, bears E. and W.

38.40 Wash, 20 lks. wide, 10 ft. deep, in bottom of fork of  
Spring Canyon, 625 ft. below ridge, course SE.;  
scattering pine timber along wash; ascend..

39.36 The center  $\frac{1}{4}$  sec. cor. sec. 1 heretofore described.

40.30 Canyon road, bears NW. and SE.; ascend W. and SW. slopes.

54.80 Ridge, 460 ft. above canyon, bears NW. and SE.; leave  
dense undergrowth and descend abruptly E. slope.

59.09 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for center east sixteenth-section cor. sec.  
1, with brass cap marked

C  $\frac{E 1/16}{S 1}$  C  
1925

SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

| Chains |  |
|--------|--|
|        | Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Cor. stands on steep E. slope; continue descent.   |
| 66.70  | Canyon, 480 ft. below ridge, drains SE.; scattering pine timber and dense brush along bottom of canyon; ascend.  |
| 69.50  | Old road, bears NW. and SE.; ascend 135 ft. over W. and SW. slopes to  |
| 78.82  | The reestablished $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6 on the E. bdy. of the Tp., described in the field notes of the resurvey of T.13 S., R.9 E., this group.             |
|        | Land, mountainous.   |
|        | Soil, mountain loam and rocky; 1st and 4th. rates.   |
|        | Timber, scattering patches of pine and aspen.  |
|        | Undergrowth, oak, sage, service berry and buck brush.  |
|        | <hr/> From the west sixteenth-section cor. bet. secs. 1 and 12 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.                            |
|        | N. $3^{\circ} 30'$ E., on true N. and S. center line SW $\frac{1}{4}$ sec. 1.  |
|        | Descend 265 ft. over mountainous land facing N., through dense undergrowth.  |
| 7.70   | Bottom of Burnt Tree Fork of Spring Canyon and wash, 20 lks. wide, 5 ft. deep, drains SE.; ascend.   |
| 9.10   | Old canyon road, bears NW. and SE.   |
| 10.00  | Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for SW. sixteenth-section cor. sec. 1, with brass cap marked  |
|        | <div style="text-align: center;">SW <math>\frac{1}{16}</math> S1</div> <div style="text-align: center;">1925</div>   |
|        | Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Cor. stands in dense oak brush in bottom of canyon, 65 ft. above wash; ascend abruptly general S. slope. |
| 9.60   | Ridge, 580 ft. above sixteenth-section cor., bears NW. and SE.   |
| 10.00  | The west center sixteenth-section cor. sec. 1 heretofore described.  |

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

Land, mountainous.

Soil, rocky; 4th. rate.

Timber, a few scattering spruce and aspen.

Undergrowth, oak, sage, service berry and buck brush.

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From the south sixteenth-section cor. bet. secs. 1 and 2 described in the field notes of the resurvey of T. 13 S., R.8 E., book "C", this group.

N.89°23'E., on true E. and W. center line SW $\frac{1}{4}$  sec. 1  
Over mountainous land through dense undergrowth.

2.00 Draw, drains N.; ascend, entering medium growth of spruce and aspen timber.

6.50 Point of spur, falls N.; gradually descend.

12.30 Bottom of Burnt Tree Fork of Spring Canyon, drains SE.;  
leave timber and gradually ascend along S. slope in  
bottom of canyon.

18.10 Old road in canyon, bears NW. and SE.

19.60 The SW. 1/16 sec. cor. sec. 1 heretofore described.  
Continue along broken S. slope of canyon to

39.19 The center south sixteenth-section cor. sec. 1 heretofore described.

Land, mountainous.

Soil, rocky; 4th. rate.

Timber, spruce and aspen.

Undergrowth, oak, service berry, sage and buck brush.

## SUBDIVISION-OF-SECTION 2

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 11,  
described in the field notes of the resurvey of T.13  
S., R.8 E., book "C", this group.

N.3°29'E., on true N. and S. center line sec. 2.

Ascend abruptly S. slope over mountainous land through  
dense oak brush.

6.70 Top of ridge, 200 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.;

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

chains

leave oak brush and descend abruptly N. slope.

14.10 Enter dense aspen and scattering spruce timber, bears NE. and SW.

16.10 Head of draw, 330 ft. below ridge, drains N.10°E.;  
continue descent along E. and NE. slopes.

19.86 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for center south sixteenth-section cor. sec. 2, with brass cap marked

$$\begin{array}{c} C \\ S \ 1/16 \quad | \quad S2 \\ C \\ 1925 \end{array}$$

from which

An aspen, 4 ins. diam., bears S.22°E., 32 lks.

dist., marked C S 1/16 S 2 B T

An aspen, 4 ins. diam., bears S.19°W., 16 lks.

dist., marked C S 1/16 S 2 B T

Continue descent of 300 ft. over E. and NE. slopes through dense aspen timber to

36.40 Canyon, drains NE.; leave timber, bears E. and W.; ascend 75 ft. over S. slope through dense oak brush to

39.72 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center quarter-section cor. sec. 2, with brass cap marked

$$\begin{array}{c} C \ \frac{1}{4} \ S \ 2 \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Continue ascent.

45.40 Spur, 115 ft. above center ¼ sec. cor., projects SE.; descend NE. slope.

53.80 Leave dense oak and enter dense aspen timber, bears NW. and SE.

55.00 Bottom of Burnt Tree Fork of Spring Canyon, drains SE., 150 ft. below spur; gradually ascend.

56.00 Leave timber, bears E. and W.

57.00 Old canyon road, bears NW. and SE.

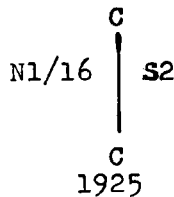
## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

Ascend 50 ft. to

## 59.78 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for center north sixteenth-section cor. sec. 2, with brass cap marked



Impracticable to build accessories to cor.

Cor. stands on steep SW. slope in dense oak brush.

Ascend abruptly 640 ft. over broken S. and SW. slopes through scattering timber and dense undergrowth to

79.90 The sec. cor. N. bdy. sec. 2 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, rough mountainous.

Soil, brown loam and rocky; 1st and 4th. rates.

Timber, aspen, scattering spruce, cedar and pinon.

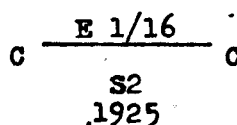
Undergrowth, oak, sage, service berry, mahogany and buck brush.

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 2, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N.89°01'W., on true E. and W. center line sec. 2.

Descend along rough, broken S. slope of canyon through dense oak brush.

19.49 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for center east sixteenth-section cor. sec. 2, with brass cap marked



from which

## SUBDIVISION OF SECTIONS. T.13 S., R.8 E.

chains

- An oak, 4 ins. diam., bears S.  $28\frac{1}{2}^{\circ}$  W., 13 lks. dist., marked BT only.
- An oak, 4 ins. diam., bears N.  $33^{\circ}$  W., 4 lks. dist., marked BT only.
- Cor. stands on gentle S. slope in dense oak brush.
- 20.50 Old canyon road, bears NW. and SE.
- 24.00 Bottom of Burnt Tree Fork of Spring Canyon, drains SE.; leave oak brush and enter aspen timber, bears NW. and SE. Gradually ascend.
- 26.70 Leave timber, bears NE. and SW.
- 28.80 Point of spur, projects N.; gradually descend.
- 31.00 Enter aspen thicket, bears NW. and SE.
- 32.30 Leave thicket, bears NE. and SW.
- 33.30 Canyon, drains NE. about 6 chs. to junction with Burnt Tree Fork of Spring Canyon; ascend SE. slope through dense oak brush to
- 38.98 The center  $\frac{1}{2}$  sec. cor. sec. 2 heretofore described. Continue ascent along SE. and S. slopes through scattering patches of dense oak brush.
- 58.71 Set an iron post, 3 ft. long, 1 in. in dia., 2 $\frac{1}{2}$  ins. in the ground for center west sixteenth-section cor. sec. 2, with brass cap marked
- $$\begin{array}{r} W \ 1/16 \\ C \quad \quad \quad C \\ 32 \\ 1925 \end{array}$$
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 78.44 The reestablished  $\frac{1}{2}$  sec. cor. bet. secs. 2 and 3, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, brown loam and rocky; 1st. and 3rd. rates.
- Timber, aspen thickets.
- Undergrowth, oak, sage, service berry and buck brush.
- 
- From the east sixteenth-section cor. bet. secs. 2 and 11, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

## SUBDIVISION OF SECTIONS, T.13 S., R.8 E.

Chains

- N.  $3^{\circ}25'E.$ , on true N. and S. center line  $SE\frac{1}{4}$  sec. 2.  
Over mountainous land.
- .40 Main top of high ridge, bears E. and W.; descend grassy  
N. slope 500 ft. to
- 19.90 Set an iron post, 3 ft. long, 1 in. in dia., .28 ins. in  
the ground for  $SE\frac{1}{16}$  sec. cor. sec. 2, with brass  
cap marked
- SE  $\frac{1}{16}$  S2  
1925
- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 21.70 Draw, drains NE.; thence along general E. slope through  
dense oak and maple undergrowth.
- 32.00 Point of spur, projects NE.; descend N. slope.
- 37.40 Bottom of Burnt Tree Fork of Spring Canyon, drains SE.;  
ascend 50 ft.
- 38.80 Old canyon road, bears NW. and SE.
- 39.80 The center east sixteenth-section cor. sec. 2 heretofore  
described.
- Land, mountainous.
- Soil, brown loam and rocky; 1st and 3rd. rates.
- Timber, scattering aspen thickets.
- Undergrowth, oak, maple, service berry and sagebrush.
- 
- From the center south sixteenth-section cor. sec. 2  
heretofore described.
- S.  $88^{\circ}56'E.$ , on true E. and W. center line  $SE\frac{1}{4}$  sec. 2  
Over rough mountainous land, along general N. slope  
through dense aspen timber.
- 1.00 Draw, drains N.; leave timber, ascend steep grassy slope.
- 7.30 Spur, projects N.; descend E. slope through scattering  
oak brush.
- 18.20 Draw, drains N.  $30^{\circ}E.$ ; ascend general N. slope.
- 19.49 The SE  $\frac{1}{16}$  Sec. cor. sec. 2 heretofore described.
- 27.50 Spur, projects N.; descend.
- 32.00 Enter dense oak brush, bears N. and S.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

- 39.02 The south sixteenth-section cor. bet. secs. 1 and 2 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

## SUBDIVISION-OF-SECTION 11

from the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 11 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N.3° 08' W., on true N. and S. center line sec. 11

Over rough mountainous land through dense timber and undergrowth.

- .50 Draw, drains NE. about 1.50 chs. to large draw, thence N.; leave dense timber; thence along broken E. slope through dense, tall undergrowth.
- 16.00 Leave timber, bears E. and W.
- 19.92 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center south sixteenth-section cor. sec. 11, with brass cap marked

C  
S 1/16 | S 11  
C  
1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

- 28.60 Spur, projects NE.; leave dense undergrowth and descend abruptly N. slope.

- 34.00 Enter dense pine and aspen timber, bears E. and W.

- 39.84 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center quarter-section cor. sec. 11, with brass cap marked

C  $\frac{1}{4}$  S 11

1925

from which

A spruce, 24 ins. diam., bears N.83° E., 17 lks.

dist., marked C  $\frac{1}{4}$  S 11 B T

A spruce, 14 ins. diam., bears N.57° E., 42 lks.

dist., marked C  $\frac{1}{4}$  S 11 B T



## SUBDIVISION OF SECTIONS, T.13 S., R.8 E.

Chains

44.50 Small stream of good water in bottom of Fork of Spring Canyon, course E.; leave dense timber and ascend along broken E. slope on W. side of draw through dense undergrowth.

59.69 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for center north sixteenth-section cor. sec. 11, with brass cap marked

C  
N 1/16 | S 11  
C  
1925

from which

a pine, 18 ins. diam., bears N. 48° E., 110 lks.  
dist., marked C N 1/16 S 11 B T

No other bearing trees available and other accessories are impracticable.

Cor. stands on steep E. slope, 200 ft. above fork of Spring Canyon.

65.70 Leave scattering timber, bears E. and W.

79.54 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 11 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group, 460 ft. above center north sixteenth-section cor.

Land, mountainous.

Soil, mountain loam and rocky; 1st and 4th. rates.

Timber, spruce, pine, aspen and a few cedar and pinon.

Undergrowth, dense oak, service berry, maple and sagebrush.

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From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 12, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N. 88° 48' W., on true E. and W. center line sec. 11.

Over rough mountainous land through dense timber and undergrowth.

1.40 Bottom of Fork of Spring Canyon, drains SE.; ascend.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

- 7.10 Spur, 70 ft. above canyon, projects N.; descend.
- 11.70 Same canyon, drains NE.; leave timber and ascend along general S. slope through dense oak brush.
- 19.73 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for center east sixteenth-section cor. sec. 11, with brass cap marked
- $$\begin{array}{c} \text{E } 1/16 \\ \text{C} \quad \text{---} \quad \text{C} \\ \text{S11} \\ 1925 \end{array}$$
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 25.70 Same canyon, with small stream of water in same, course SE.; ascend along general N. slope through dense large spruce and aspen timber.
- 39.46 The center  $\frac{1}{4}$  sec. cor. sec. 11, heretofore described.
- 42.80 Low spur, projects N.; leave dense timber and descend abruptly W. slope.
- 46.70 Ravine, drains N.; ascend abruptly.
- 53.20 Point, projects NE.; leave timber and undergrowth and ascend along grassy N. slope.
- 59.19 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center west sixteenth-section cor. sec. 11, with brass cap marked
- $$\begin{array}{c} \text{E } 1/16 \\ \text{C} \quad \text{---} \quad \text{C} \\ \text{S11} \\ 1925 \end{array}$$
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 61.00 Spur, projects N.; descend abruptly N. slope.
- 68.60 Enter timber, bears NE. and SW.
- 74.00 Bottom of fork of Spring Canyon, drains NE. about 20 chs. to another fork of canyon coming from the N., thence E.; ascend along rocky S. slope leaving timber.
- 78.92 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 11, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, brown loam and rocky; 1st and 3rd. rates.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

Timber, scattering patches of spruce and aspen.

Undergrowth, oak, service berry, sage and buck brush.

From the center east. sixteenth-section cor. sec. 11, .  
heretofore described.

N.  $3^{\circ}23'$  W., on true N. and S. center line NE  $\frac{1}{4}$  sec. 11.

Ascend abruptly over mountainous land through dense  
undergrowth.

2.90 Top of sandstone outcropping, bears NE. and W.

18.60 Spur, 500 ft. above sixteenth-section cor., projects SE.  
thence along general E. slope.

19.89 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in  
the ground on solid rock and 12 ins. in a mound of  
stone for NE.  $\frac{1}{16}$  sec. cor., sec. 11, with brass cap  
marked

NE  $\frac{1}{16}$  S11

1925

Impracticable to build accessories to cor.

29.60 Head of draw, drains SE.; ascend abruptly S. slope to

39.75 The E. sixteenth-section cor. bet. secs. 2 and 11  
described in the field notes of the resurvey of T.13  
S., R.8 E., book "C", this group.

Land, mountainous.

Soil, brown loam and rocky; 1st to 3rd. rates.

No timber.

Undergrowth, oak, sage, service berry and buck brush.

From the center north sixteenth-section cor. sec. 11, .  
heretofore described.

S.  $88^{\circ}45'$  E., on true E. and W. center line NE  $\frac{1}{4}$  sec. 11

Over mountainous land through scattering timber and  
undergrowth. Descend abruptly E. slope.

1.20 Draw, drains S.; indications of coal along bottom of  
draw; ascend abruptly.

10.00 Spur, projects S.; thence along S. slope.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

- 13.90 Head of draw, drains S.10°W.; gradually ascend.
- 17.50 Spur, projects SE.; descend abruptly E. slope.
- 19.61 The NE. 1/16 sec. cor. sec. 11, heretofore described.
- 22.30 Enter dense undergrowth, bears NW. and S.
- 29.60 Draw, 375 ft. below sixteenth-section cor., drains SE.  
about 3 chs., thence S.; ascend.
- 31.80 Spur, projects S. about 3 chs. distant; descend.
- 35.20 Draw, drains SW. about 3 chs. thence S.; ascend abruptly  
W. slope over limestone outcroppings to
- 39.23 The true point for the north sixteenth-section cor. bet.  
secs. 11 and 12, described in the field notes of the  
resurvey of T.13 S., R.8 E., book "C", this group.  
Land, mountainous.  
Soil, loam and sandstone rock; 2nd. and 4th. rates.  
Timber, a few scattering pine, cedar and pinon.  
Undergrowth, oak, sage and service berry brush.
- 
- From the west sixteenth-section cor. bet. secs. 11 and  
14, described in the field notes of the resurvey of  
T.13 S., R.8 E., book "C", this group.  
N.2°46'W., on true N: and S: center line SW $\frac{1}{4}$  sec. 11  
Descend grassy N. slope over mountainous land.
- 5.50 Enter aspen timber, bears E: and W.
- 15.00 Leave timber, enter undergrowth, bears NE. and SW.
- 19.88 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for SW. 1/16 sec. cor., sec. 11, with brass  
cap marked
- SW 1/16 S11  
1925
- from which
- an aspen, 6 ins. diam., bears S.57 $\frac{1}{2}$ °E., 191 lks.  
dist., marked SW 1/16 S 11 B T
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
Cor. stands on general E. slope, 350 ft. below sixteenth-  
sec. cor.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

- Thence along E. slope through dense undergrowth.
- 33.00 Point, falls NE., leave undergrowth, bears NE. and SW. and descend abruptly over N. slope.
- 39.74 The west center sixteenth-section cor. sec. 11 heretofore described.
- Land, mountainous.
- Soil, loam and rocky; 2nd. rate.
- Timber, aspen.
- Undergrowth, oak, maple and sagebrush.
- 
- from the south sixteenth-section cor. bet. secs. 10 and 11, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- S.88°42'E., on true E. and W. center line SW $\frac{1}{4}$  sec. 11
- Ascend W. slope over mountainous land through scattering undergrowth.
- 11.80 Spur, 320 ft. above sixteenth-section cor., projects N.; gradually descend.
- 13.50 Begin steep descent over E. slope.
- 14.20 Enter aspen timber, bears N. and S.
- 15.20 Leave timber, bears N. and S. and continue steep descent through dense undergrowth.
- 19.82 The S. 1/16 sec. cor. sec. 11 heretofore described. Continue descent over E. slope entering scattering aspen and spruce timber.
- 24.70 Ravine, 135 ft. below cor., drains N.; indications of coal along bottom of ravine. Ascend.
- 27.00 Leave timber and undergrowth; continue over grassy slope.
- 35.30 Spur, projects N.; descend abruptly E. slope through dense oak brush.
- 39.66 The center south sixteenth-section cor. sec. 11 heretofore described.
- Land, mountainous.
- Soil, brown loam and rocky; 1st and 3rd. rates.
- Timber, scattering aspen and spruce.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Undergrowth, oak, service berry, sagebrush and grass.

## SUBDIVISION-OF-SECTION 12

From the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 12 and 13, described in the field notes of the resurvey of T.13 S., R.8 E., book "G", this group.

N.  $4^{\circ}11'$  W., on true N. and S. center line sec. 12.

Descend grassy N. and N.W. slopes over mountainous land.

- 3.90 Enter oak brush, bears E. and S.
- 11.80 Leave oak brush and enter spruce timber, bears E. and S.
- 20.67 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center south sixteenth-section cor. sec. 12, with brass cap marked

C  
S 1/16 | S 12  
C  
1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, .of cor. Cor. stands on steep NE. slope in scattering timber, 550 ft. below  $\frac{1}{4}$  sec. cor.; continue descent.

- 28.70 Point of spur, projects NE.; descend abruptly into canyon and leave timber, bears NE. and S.
- 31.60 Bottom of fork of Spring Canyon, 400 ft. below sixteenth section cor., drains E.
- 33.00 Center of Enrico Raes's rock house,  $14 \times 30$  ft. on line. Ascend abruptly S. slope broken by ledges.
- 39.30 Top of ledge, bears N. and SE.
- 41.35 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center quarter sec. cor. sec. 12, with brass cap marked

C S 12

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Cor. stands on steep general S. slope, 330 ft. above canyon. Continue steep ascent.

## SUBDIVISION OF SECTIONS, T.13 S., R.8 E.

Chains

- 56.00 Ridge, 460 ft. above center  $\frac{1}{4}$  sec. cor., bears N.70°W. and S.70°E.; leave oak brush and descend grassy N. slope 115 ft. to
- 61.35 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for center north sixteenth-section cor. sec. 12, with brass cap marked

C  
 N 1/16 | S12  
 C  
 1925

- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 68.50 Draw, drains E.; enter oak brush and ascend SE. slope.
- 75.75 Spur, projects NE.; leave oak brush and descend grassy N. slope 160 ft. to
- 81.35 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 12, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, brown loam and rocky; 1st and 3rd. rates.
- Timber, spruce, scattering aspen, cedar and pinon.
- Undergrowth, oak, sage, service berry and buck brush.

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From the  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 12 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

- N.89°46'E., on true E. and W. center line sec. 12.
- Ascend over rough broken S. slope of canyon through scattering timber and undergrowth.
- 3.70 Spur, projects S.10°E.; descend abruptly.
- 6.00 Draw, drains S.; ascend.
- 15.00 Spur, projects S.; descend.
- 19.72 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for center west sixteenth-section cor. sec. 12, with brass cap marked

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

$$\begin{array}{r} \text{C} \quad \frac{\text{W } 1/16}{\text{S}12} \quad \text{C} \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Cor. stands on steep SE. slope.

21.80 Gulch, 30 ft. below sixteenth-section cor., drains S.  $10^{\circ}$  N.;  
ascend abruptly over slope broken by ledges.

28.20 Spur, 300 ft. above gulch, projects S.

31.30 Descend abruptly E. slope.

37.30 Draw, 280 ft. below spur, drains S.; indications of coal  
in draw. Ascend.

39.44 The center  $\frac{1}{4}$  sec. cor. sec. 12 heretofore described.

40.40 Spur, projects S.; descend abruptly.

44.90 Draw, 115 ft. below spur, drains S.; ascend abruptly.

51.40 Spur, projects S., 170 ft. above draw.; gradually descend.

57.18 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in  
the ground for center east sixteenth-section cor. sec.  
12, with brass cap marked

$$\begin{array}{r} \text{C} \quad \frac{\text{E } 1/16}{\text{S}12} \quad \text{C} \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

57.60 Draw, drains S.; ascend.

60.40 Spur, projects S.; descend along precipitous SE. slope.

61.90 Top of sandstone ledge 50 ft. high, bears NE. and SW.

63.80 Rocky draw, drains S.; ascend over low point thence  
descend abruptly over ledges to

74.92 The  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 12 on the E. bdy. of  
the Tp. described in the field notes of the resurvey  
of T.13 S., R.9 E., book "E", this group; 420 ft. below  
spur at 60.40 chs.

Land, mountainous.

Soil, rocky; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, oak, sage, service berry and buck brush.



SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

from the center west sixteenth-section cor. sec. 12, heretofore described.

N.3°56'W., on true N. and S. center line NW $\frac{1}{4}$  sec. 12.

Ascend abruptly general S. slope over rough mountainous land through dense undergrowth.

- 19.96 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for NW. 1/16 sec. cor. sec. 12, with brass cap marked

NW 1/16 S12

1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

- 20.60 High ridge and divide bet. forks of Spring Canyon, 600 ft. above center west 1/16 sec. cor., bears N.80°W. and S.80°E.; leave tall undergrowth and descend over N. grassy slope.

- 30.00 Enter scattering spruce timber and oak brush, bears E. and W.

- 35.00 Draw, drains N.10°E.; thence along general E. slope.

- 39.92 The west sixteenth-section cor. bet. secs. 1 and 12 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group, 400 ft. below ridge.

Land, mountainous.

Soil, brown loam and rocky; 1st and 4th. rates.

Timber, spruce.

Undergrowth, oak, service berry and sagebrush.

From the true point for the north sixteenth-section cor. bet. secs. 11 and 12 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group. N.89°43'E., on true E. and W. center line NW $\frac{1}{4}$  sec. 12. Ascend abruptly over mountainous land through dense undergrowth..

- 5.20 Spur, 150 ft. above cor., projects S.; descend.

- 13.30 Head of draw, drains S.; ascend 160 ft. to

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

- 19.64 The NW.1/16 sec. cor. sec. 12 heretofore described.
- 21.10 High ridge and divide bet. forks of Spring Canyon, bears N.80°W. and E.; thence along top of ridge.
- 28.50 Leave ridge, turns S.70°E.; a spur projects NE. from ridge at this point. Descend over E. and NE. slopes to
- 39.28 The center north sixteenth-section cor. sec. 12 heretofore described.
- Land, mountainous.
- Soil, loam and rock; 1st and 4th. rates.
- No timber.
- Undergrowth, oak, sage, service berry brush and grass.

## SUBDIVISION-OF-SECTION 13

from the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 24, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N.2°55'E., on true E. and S. center line sec. 13.

Over rough mountainous land along general S. slope.

- 6.00 Draw, drains SE.; ascend abruptly 540 ft. over broken, general S. slope.

- 19.80 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for center south sixteenth-section cor. sec. 13, with brass cap marked

C  
S 1/16 | S13  
C  
1925

from which

a pinon, 10 ins.diam., bears S.17°W., 91 lks.

dist., marked C S 1/16 S 13 B T

Quartz boulder, 4x4x3 ft. showing, marked X B O

S13, bears N.69½°W., 121 lks. distant.

- 29.80 Top of high mountain ridge, 200 ft. above sixteenth-section cor., bears E. and W.; descend 125 ft. to

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

39.60 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center quarter-section cor. sec. 13, with brass cap marked

C 1/4 S 13

1925

from which

A maple, 3 ins.diam., bears N.35 $\frac{1}{2}$ °E., 48 lks.

dist., marked C  $\frac{1}{4}$  S 13 B T

An oak, 4 ins.diam., bears S.47 $\frac{1}{2}$ °W., 11 lks.

dist., marked C  $\frac{1}{4}$  S 13 B T

Descend along general N. slope 175 ft. to

59.24 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center north sixteenth-section cor. sec. 13, with brass cap marked

C  
N 1/16 | S 13  
C  
1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Cor. stands in head of canyon, drains E.; ascend SE.

slope 50 ft. to

70.00 High mountain ridge, bears E. and W.; descend grassy NW. slope 165 ft. to

78.88 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 12 and 13, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, mountainous.

Soil, brown loam and rocky; 1st and 4th. rates.

Timber, scattering cedar and pinon.

Undergrowth, oak, sage, service berry and grass.

from the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 18 on the E. bdy. of the Tp. described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.

N.88°50'W., on true E. and W. center line sec. 13.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

Ascend high mountainous land through tall undergrowth.

7.15 Spur, 200 ft. above  $\frac{1}{4}$  sec. cor., projects N.; thence along N. slope across head of draw draining N.

16.70 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for center east sixteenth-section cor. sec. 13, with brass cap marked

$$\begin{array}{c} \text{E } 1/16 \\ \hline \text{C} \quad \quad \text{C} \\ \text{S13} \\ 1925 \end{array}$$

from which

A maple, 4 ins. diam., bears N.  $88\frac{1}{2}^{\circ}$  E., 137 lks.

dist., marked C E  $1/16$  S 13 B T

An oak, 4 ins. diam., bears S.  $70\frac{1}{2}^{\circ}$  E., 128 lks.

dist., marked C E  $1/16$  S 13 B T

Cor. stands on N. slope 65 ft. above spur.

18.50 Spur, projects N.; descend NW. slope.

27.10 Draw, drains N.; gradually ascend.

33.40 The center  $\frac{1}{4}$  sec. cor. sec. 13 heretofore described.

39.30 High mountain ridge and divide, 125 ft. above sixteenth section cor., bears N. and SE.; gradually descend.

47.15 Thence along nearly S. slope slightly ascending.

52.73 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center west sixteenth-section cor. sec. 13, with brass cap marked

$$\begin{array}{c} \text{W } 1/16 \\ \hline \text{C} \quad \quad \text{C} \\ \text{S13} \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

65.40 Draw, drains S.

72.07 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 14, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, mountainous.

Soil, brown loam and rocky; 1st and 4th. rates..

No timber.

## SUBDIVISION-OF-SECTIONS: T.13 S., R.8 E.

## Chains

Undergrowth, oak, maple, service berry, sagebrush and grass.

From the east sixteenth-section cor. bet. secs. 13 and 24, described in the field notes of the resurvey of T.13 S., R.8 E., - book "C", this group.

N.0°04'W., on true N. and S. center line SE $\frac{1}{4}$  sec. 13.

Descend 115 ft. along broken W. slope of rough mountainous land.

11.30 Base of descent; ascend 50 ft. to

19.83 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for SE.1/16 sec. cor. sec. 13, with brass cap marked

SE1/16S13

1925

Deposit a sandstone, 10x6x3 ins., marked with a cross (X) on one face at base of monument.

Continue along broken W. slope.

26.30 Draw, drains SW.; ascend abruptly S. slope.

33.50 High ridge and divide, 303 ft. above draw, bears NW. and SE.; descend N. slope 100 ft. to

39.61 The center east sixteenth-section cor. sec. 13, heretofore described.

Land, mountainous.

Soil, brown loam and rocky; 1st and 4th. rates.

Timber, spruce on south portion.

Undergrowth, sage, oak, service berry brush and maple.

From the south sixteenth-section cor. bet. secs. 13 and 18 on the E. bdy. of the Tp., described in the field notes of the resurvey of T.13 S., R.9 E., - book "E", this group.

N.89°01'W., on true E. and W. center line SE $\frac{1}{4}$  sec. 13.

Ascend grassy NE. slope over rough mountainous land.

SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

- 8.15 High ridge and divide, 75 ft. above cor., bears NW. and SE.; descend abruptly W. slope to
- 17.72 The SE. 1/16 sec. cor. sec. 13 heretofore described.
- 35.43 The center south sixteenth-section cor. sec. 13, heretofore described.
- Land, rough mountainous.
- Soil, shallow loam and rocky; 2nd. and 4th. rates.
- No timber.
- Undergrowth, oak, sage, service berry brush and grass.
- 
- From the center west sixteenth-section cor. sec. 13, heretofore described.
- N.1°58'E., on true N. and S. center line NW $\frac{1}{4}$  sec. 13.
- Over mountainous land.
- 1.20 Top of high ridge and divide, bears E. and W.; descend over grassy N. and NW. slopes.
- 13.00 Head of ravine, 250 ft. below ridge, drains NW.; scattering timber along ravine; thence along nearly W. slope.
- 19.80 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for NW. 1/16 sec. cor. sec. 13, with brass cap marked
- NW 1/16 S13
- 1925
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 26.00 Top of ascent on W. slope; gradually descend NW. slope
- 36.50 Spur, projects N.20°W.; descend along E. slope to
- 39.52 The west sixteenth-section cor. bet. secs. 12 and 13, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, shallow loam and rocky; 2nd. and 4th. rates.
- Timber, a few scattering spruce and aspen.
- Undergrowth, sage, oak, service berry brush and grass.
- 
- From the center north sixteenth-section cor. sec. 13

## Subdivision-of-sections, T.13 S., R.8 E.

- Chains heretofore described.
- N.88°25'W., on true E. and W. center line NW $\frac{1}{4}$  sec. 13.
- Ascend NE. slope over mountainous land.
- 10.70 Ridge, 200 ft. above cor., bears N. and S.; descend grassy slope 210 ft. to
- 19.62 The NW.1/16 sec. cor. sec. 13 heretofore described.
- 23.40 Ravine, 100 ft. below cor., drains NW.; spruce timber along bottom of ravine. Ascend through scattering oak brush.
- 37.10 Leave oak brush, bears N. and S.
- 38.60 Spur, 330 ft. above ravine, projects N.; descend.
- 39.24 The north sixteenth-section cor. bet. secs. 13 and 14 described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, shallow loam and rocky; 2nd. and 4th. rates.
- Timber, spruce and aspen.
- Undergrowth, oak, service berry, sagebrush and grass.

## SUBDIVISION-OF-SECTION 14

- From the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 23, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- N.0°41'W., on true N. and S. center line sec. 14
- Descend abruptly general N. slope over rough mountainous land through timber and undergrowth.
- 16.00 Ravine, 500 ft. below sec. cor., drains NE.; thence along E. slope.
- 19.45 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center south sixteenth-section cor., sec. 14, with brass cap marked

C  
S 1/16 | S 1/4  
C  
1925

from which

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

A spruce, 12 ins.diam., bears N.82°E., 41 lks.

dist., marked C S 1/16 S 14 B T

A spruce, 8 ins.diam., bears N.8°W., 46 lks.

dist., marked C S 1/16 S 14 B T

20.45 Bottom of Wildcat Canyon, and small stream, course SE.; ascend abruptly from canyon.

25.00 Top of steep ascent, bears N. and SE.; ascend more gradually.

29.00 Leave timber, bears E. and W.; ascend through oak and sagebrush.

38.90 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for center quarter-section cor. sec. 14, with brass cap marked

C 1/16 S 14

1925

Impracticable to build accessories to cor.

Cor. stands on general S. slope 525 ft. above canyon.

Continue ascent.

52.50 Top of high ridge and divide bet. Spring Canyon and Wildcat Canyon, 150 ft. above center  $\frac{1}{4}$  sec. cor., bears NW. and S.70°E.; descend general N. slope 170 ft. to

58.74 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for center north sixteenth-section cor. sec. 14, with brass cap marked

C  
N 1/16 | S 14  
C  
1925

from which

A spruce, 8 ins.diam., bears N.38 $\frac{1}{2}$ °E., 259 lks.

dist., marked C N 1/16 S 14 B T

A spruce, 10 ins.diam., bears N.76 $\frac{1}{2}$ °E., 136 lks.

dist., marked C N 1/16 S 14 B T

Cor. stands on steep NE. slope of ridge.



## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

- Chains  
Continue descent over N. and NE. slopes.
- 61.75 Enter dense spruce and scattering aspen timber, bears NW. and SE.
- 78.58 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 14, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, shallow loam and rock; 2nd. and 4th. rates.
- Timber, spruce, aspen, cedar and pinon.
- Undergrowth, oak, sagebrush, service berry brush and grass
- 
- From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 14, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- N.88°29'W., on true E. and W. center line sec. 14.
- Ascend abruptly over mountainous land through dense sage and scattering oak brush.
- 7.00 Spur, projects S.; descend W. and SW. slopes to
- 19.31 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center east sixteenth-section cor. sec. 14, with brass cap marked
- $$\begin{array}{c} \text{E } 1/16 \\ \hline \text{S } 14 \\ 1925 \end{array}$$

C                      C
- from which
- A spruce, 8 ins.diam., bears N.31°E., 22 lks.
- dist., marked C E 1/16 S 14 B T
- Other accessories at cor. impracticable.
- 21.45 Draw, heads at high ridge about 8 chs. N. and drains S.; ascend.
- 33.50 Spur, projects S.; descend SW. slope 125 ft. to
- 38.62 The center  $\frac{1}{4}$  sec. cor. sec. 14 heretofore described.
- 50.00 Small stream of good water, in ravine, 150 ft. below  $\frac{1}{4}$  sec. cor., drains S.; ascend.
- 54.50 Spur, projects S.; thence along general S. slope.
- 58.50 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

|        |   |
|--------|---|
| Chains | <p>the ground on solid rock and 12 ins. in a large mound of stone for center west sixteenth-section cor. sec. 14, with brass cap marked</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} C \quad \frac{1/16}{S14} \quad C \\ 1925 \end{array}</math> </div> <p>Impracticable to build accessories to cor.</p> |
| 63.60  | Wildcat Canyon, drains SE.; ascend N. and NE. slopes entering aspen and scattering spruce timber.   |
| 75.40  | Draw, drains NE.  |
| 78.38  | The reestablished $\frac{1}{4}$ sec. cor. bet. secs. 14 and 15, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.  |
|        | Land, mountainous.  |
|        | Soil, shallow loam and rocky; 2nd. and 4th. rates.  |
|        | Timber, spruce and aspen.   |
|        | Undergrowth, oak, sage, service berry and maple.  |
|        | <hr/> <p>from the center east sixteenth-section cor. sec. 14, heretofore described.</p> <p>N.0°13'E., on true N. and S. center line NE <math>\frac{1}{4}</math> sec. 14. Ascend S. slope over mountainous land through oak and sagebrush undergrowth.</p>   |
| 11.25  | Top of ridge and divide bet. Spring Canyon and Wildcat Canyon, 230 ft. above cor., bears S.70°E. and ...; leave undergrowth and descend 200 ft. over grassy N. slope to   |
| 19.87  | Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for NE. 1/16 sec. cor. sec. 14, with brass cap marked  |
|        | <div style="text-align: center;"> <math display="block">\begin{array}{c} NE \quad 1/16 \quad S14 \\ 1925 \end{array}</math> </div>  |
|        | Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, for cor.  |
| 25.30  | Head of draw, 75 ft. below cor., drains NE.; enter oak brush, bears NE. and SW. and ascend SE. slope.   |
| 37.00  | Top of ascent, 175 ft. above draw, bears NE. and SW.;   |

## SUBDIVISION OF SECTIONS, T.13 S., R.8 E.

Chains

- leave undergrowth and descend grassy slope to
- 39.69 The east sixteenth-section cor. bet. secs. 11 and 14,  
described in the field notes of the resurvey of T.13  
S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, shallow loam and rocky; 2nd. and 4th. rates.
- No timber.
- Undergrowth, sage, oak, service berry brush and grass.
- 
- From the center north sixteenth-section cor. sec. 14  
heretofore described.
- S.88°32'E., on true E. and W. center line NE $\frac{1}{4}$  sec. 14.
- Descend over mountainous land through dense sagebrush.
- 1.00 Enter spruce and aspen timber, bears NW. and SE. about  
4 chs. distant.
- 5.70 Head of draw, drains N.; ascend.
- 6.00 Leave timber and sagebrush undergrowth, bears N. and S.;  
continue ascent over grassy slope.
- 11.85 High spur, projects N.20°E.; descend over NE. slope to
- 19.60 The NE.1/16 sec. cor. sec. 14 heretofore described.
- 27.00 Enter aspen and pine timber, bears NE. and SW.
- 31.00 Head of draw, drains NE.; ascend over low point.
- 33.30 Draw, drains NW.; ascend W. slope.
- 33.50 Leave timber, bears N. and S.
- 39.19 The north sixteenth-section cor. bet. secs. 13 and 14,  
described in the field notes of the resurvey of T.13  
S., R.8 E., book "C", this group.
- Land, mountainous.
- Soil, shallow loam and rocky; 2nd. and 3rd. rates.
- Timber, aspen, spruce and pine.
- Undergrowth, sagebrush, oak and grass.
- 
- From the center west sixteenth-section cor. sec. 14,  
heretofore described.
- N.0°47'W., on true N. and S. center line NW $\frac{1}{4}$  sec. 14.

## SUBDIVISION OF SECTIONS, T.13 S., R.8 E.

## Chains

ascend abruptly S. slope over rough mountainous land through medium growth of oak and sagebrush undergrowth.

9.40 Spur, 300 ft. above cor., projects SE.; thence along general E. slope gradually ascending.

19.81 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for NW. 1/16 sec. cor. sec. 14, with brass cap marked

NW 1/16 S14

1925

from which

an aspen, 8 ins. diam., bears S. 60° E., 67 lks.

dist., marked NW 1/16 S 14 E T

No other bearing trees available and other accessories are impracticable.

28.60 Top of high ridge and divide bet. Spring Canyon and Wildcat Canyon, bears SW., N. 20° E. about 5 chs.; thence SE.; thence along general E. slope.

33.50 Spur, projects N. 20° E.; descend grassy E. slope to

39.62 The west sixteenth-section cor. bet. secs. 11 and 14, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, mountainous.

Soil, shallow loam and rocky; 1st and 3rd. rates.

Timber, scattering aspen thickets on both sides of line.

Undergrowth, oak, sage, service berry, choke cherry and grass.

From the north sixteenth-section cor. bet. secs. 14 and 15, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

S. 88° 29' E., on true E. and W. center line NW 1/4 sec. 14

ascend E. and SE. slopes over mountainous land through sage and scattering oak brush.

15.00 Spur, at junction with ridge divide bet. Spring Canyon and Wildcat Canyon, 125 ft. above cor., projects S., divide bears NE. and N. 70° E. Descend E. slope to

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

- 19.90 The NW.1/16 sec. cor. sec. 14 heretofore described.
- 27.60 Head of draw, 150 ft. below spur, drains S.; ascend.
- 34.60 Top of ridge and divide bet. Spring Canyon and Wildcat Canyon, bears NW. and SE.; descend NE. slope to
- 39.81 The center north sixteenth-section cor. sec. 14, heretofore described.
- Land, mountainous.
- Soil, brown loam and rocky; 2nd. and 3rd. rates.
- No timber.
- Undergrowth, oak and sagebrush.

## SUBDIVISION-OF-SECTION 15

- from the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 15 and 22, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.
- N. 0° 47' W., on true N. and S. center line sec. 15.
- Descend over rough mountainous land through scattering timber and tall undergrowth.
- 5.00 Canyon, 75 ft. below cor., drains W.; ascend abruptly.
- 14.00 Spur, 325 ft. above canyon, projects SW.; thence along rough, broken N. slope.
- 19.91 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for center south sixteenth-section cor. sec. 15, with brass cap marked

C  
S 1/16 | S 15  
C  
1925

from which

a spruce, 14 ins. diam., bears N. 19 $\frac{1}{2}$ ° E., 330 lks.

dist., marked C S 1/16 S 15 B T

a spruce, 14 ins. diam., bears S. 68 $\frac{3}{4}$ ° W., 100 lks.

dist., marked C S 1/16 S 15 B T

- 39.83 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in

## SUBDIVISION OF SECTIONS, T.13 S., R.8 E.

CHAINS

the ground for center quarter-section cor. sec. 15,  
with brass cap marked

C  $\frac{1}{4}$  S 15

1925

from which

A spruce, 8 ins. diam., bears N.  $78\frac{1}{2}^{\circ}$  E., 300 lks.

dist., marked C  $\frac{1}{4}$  S 15 B T

A spruce, 8 ins. diam., bears N.  $88\frac{1}{2}^{\circ}$  E., 150 lks.

dist., marked C  $\frac{1}{4}$  S 15 B T

Cor. stands on top of spur, projects S.

Continue along broken general S. slope.

- 58.29 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for center north sixteenth-section cor.  
sec. 15, with brass cap marked

C  
N  $\frac{1}{16}$  | S 15  
C  
1925

Raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, S. cor.  
Ascend abruptly over S. slope.

- 64.75 Point of ledge, falls S.

- 70.75 Top of high ridge and divide bet. Spring Canyon and  
tributaries to Gordon Creek Canyon, 375 ft. above  
sixteenth-section cor.; bears N. and SE.; descend  
over N. slope.

- 74.00 Enter spruce and aspen timber, bears E. and W.

- 76.75 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 10 and  
15, described in the field notes of the resurvey of  
T.13 S., R.8 E., book "C", this group.

Land, mountainous.

Soil, shallow loam and rock; 3rd. rates.

Timber, spruce, aspen, scattering cedar and pinon.

Undergrowth, oak, sage and service berry brush.

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 15  
described in the field notes of the resurvey of T.13

# SUBDIVISION OF SECTION 15, T. 15 N., R. 8 E., S. 2

## Chains

S., R. 8 E., book "C", this group.

S. 88°26'W., on true E. and W. center line sec. 15.

ascend NE. slope over rough mountainous land through  
timber.

4.00 Leave timber, bears NE. and SW.

13.30 Top of ridge and divide bet. Wildcat Canyon and tributary  
to Gordon Creek Canyon, 300 ft. above  $\frac{1}{4}$  sec. cor., bears  
NW. and SE.; descend abruptly W. slope, 300 ft. to

20.11 Point for center east sixteenth-section cor. sec. 15 falls  
on steep bank where cor. cannot be safely perpetuated,  
therefore, at

20.21 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for witness cor. to the center east sixteen  
section cor. sec. 15, with brass cap marked

E 1/16  
C                      C WC  
                    S15  
                    1925

from which

... spruce, 14 ins. diam., bears N. 77½°E., 21 lks.

dist., marked W C C E 1/16 S 15 B T

... spruce, 16 ins. diam., bears S. 57°E., 48 lks.

dist., marked W C C E 1/16 S 15 B T

40.28 The center  $\frac{1}{4}$  sec. cor. sec. 15 heretofore described.

51.75 Bottom of canyon, 250 ft. below center  $\frac{1}{4}$  sec. cor.,  
drains S.; ascend abruptly E. slope 300 ft. to

61.76 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in  
the ground on solid rock and 20 ins. in a large mound  
of stone for center west sixteenth-section cor. sec.  
15, with brass cap marked

W 1/16  
C                      C  
                    S15  
                    1925

Impracticable to build accessories to cor.

ascend 190 ft. to

69.10 High ridge, bears NE. and S.; descend 170 ft. to

83.24 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. sec. 15 and

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

16, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, mountainous.

Soil, sandy loam and rocky; 2nd. and 3rd. rates.

Timber, aspen and scattering spruce.

Undergrowth, oak, sage, service berry brush and grass.

From the true point for the west sixteenth-section cor. bet.

secs 15 and 22, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N.2°38'W., on true N. and S. center line S. 1/4 sec. 15.

Ascend abruptly over rough mountainous land facing SE. through medium growth of underbrush.

7.40 Top of ledge, bears NE. and nearly N.; thence along general E. slope ascending.

19.98 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound of stone for SW 1/16 sec. cor. sec. 15, with brass cap marked

SW1/16s15

1925

Impracticable to build accessories to cor.

Cor. stands on steep E. slope, 600 ft. above west sixteenth-section cor.

Continue along broken general E. slope.

39.96 The center west sixteenth-section cor. sec. 15 heretofore described.

Land, rough mountainous.

Soil, brown loam and rocky; 2nd. and 4th. rates.

Timber, a few scattering spruce.

Undergrowth, sage, oak, service berry brush and grass.

From the south sixteenth-section cor. bet. secs. 15 and 16, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.



## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

- N.88°13'E., on true E. and W. center line SW $\frac{1}{4}$  sec. 15.  
Ascend along N. and NW. slopes over rough mountainous  
land through dense patches of spruce timber and  
scattering undergrowth.
- 15.00 Ridge, 400 ft. above cor., bears N.5°E. and S.5°W.;  
leave timber and descend abruptly 150 ft. over E. slope
- 20.79 The SW.1/16 sec. cor. sec. 15 heretofore described.  
Continue abrupt descent.
- 29.50 Canyon, drains S.; ascend abruptly N. slope to
- 41.62 The center south sixteenth-section cor. sec. 15 heretofore described.  
Land, rough mountainous.  
Soil, brown loam and rock; 2nd. and 4th. rates.  
Timber, spruce.  
Undergrowth, oak, sage, service berry brush and grass.

## SUBDIVISION-OF-SECTION 20

- from the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs.  
20 and 29, described in the field notes of the resurvey  
of T.13 S., R.8 E., book "C", this group.
- N.0°48' ., on true N. and S. center line sec. 20.  
Descend abruptly N. slope over rough mountainous land  
through dense timber.
- 6.00 Trail, 200 ft. below cor., drains N.40°E.; leave timber  
and descend along broken E. slope through dense under-  
growth.
- 19.68 $\frac{1}{2}$  Point for center south sixteenth-section cor. sec. 20  
falls on sloping surface rock on ledge about 20 ft.  
high, bears NE. and S.; unable to set cor. at this point
- 19.88 Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in  
the ground on solid rock and 14 ins. in a mound of stone  
for witness cor. to the center south sixteenth-section  
cor. sec. 20, with brass cap marked

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

C  
 S 1/16 | S20  
 C  
 W C  
 1925

from which

A spruce, 7 ins. diam., bears S.  $29\frac{3}{4}^{\circ}$  E., 109 lks.

dist., marked W C C S 1/16 S 20 B T

Point on top of sandstone ledge marked X B O S20,

bears N.  $79\frac{3}{4}^{\circ}$  E., 32 lks. distant.

From cor: the air shaft on the Jack Dempsey Coal Mine,  
 bears N.  $20^{\circ}$  E., about 12 chs. distant.

Continue along broken S. slope.

28.00 Draw, drains S.  $80^{\circ}$  E.; ascend abruptly S. slope.

37.20 Spur, projects N.  $80^{\circ}$  E.; leave dense undergrowth and  
 descend grassy N. slope.

39.37 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in  
 the ground on solid rock and 10 ins. in a mound of  
 stone for center quarter-section cor. sec. 20, with  
 brass cap marked

C  $\frac{1}{4}$  S20

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.  
 Continue abrupt descent.

54.70 Canyon, 550 ft. below spur, drains E. about 10 chs. to  
 junction with Gordon Creek; ascend abruptly S. slope  
 150 ft. to

59.52 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground for center north sixteenth-section cor. sec.  
 20, with brass cap marked

C  
 N 1/16 | S20  
 C  
 1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.  
 Continue abrupt ascent 160 ft. to

63.50 Spur, projects E.; descend abruptly general N. slope.

SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

76.15 Bottom of Gordon Creek Canyon and stream, 10 lks. wide, 2 ins. deep, 420 ft. below spur, course SE.; ascend in canyon bottom.

79.20 Canyon road, bears NW. and SE.

79.67 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 17 and 20, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, mountainous.

Soil, brown loam streaked with rock; 2nd. and 4th. rates.

Timber, spruce and aspen.

Undergrowth, oak, sagebrush, service berry and grass.

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 20 and 21, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N.89°39'W., on true E. and W. center line sec. 20.

ascend N. and NE. slopes over rough mountainous land through scattering timber and dense undergrowth.

9.00 Spur, 180 ft. above  $\frac{1}{4}$  sec. cor., projects N.; leave timber and undergrowth; descend 190 ft. over grassy N. and N. slopes.

16.05 From this point a log cabin, bears N.5°15'W.; another cabin bears N.53 $\frac{1}{4}$ °W.; entry to coal prospect tunnel on face of mountain, bears N.83°W.

20.10 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center east sixteenth-section cor. sec. 20, with brass cap marked

$$\begin{array}{c} \text{E } 1/16 \\ \hline \text{C} \quad \text{S20} \quad \text{C} \\ 1925 \end{array}$$

from which

an spruce, 6 ins.diam., bears S.21°E., 119 lks.

dist., marked C E 1/16 S 20 B T

an aspen, 4 ins.diam., bears N.71 $\frac{1}{2}$ °W., 176 lks.

dist., marked C E 1/16 S 20 B T

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

chains

from cor., log cabin bears N.  $14\frac{3}{4}^{\circ}$  W.; cabin No. 2, bears N.  $17\frac{1}{2}^{\circ}$  E. and entry to coal prospect tunnel, bears N.  $79^{\circ}15'$  W.

22.40 Canyon, drains NE.; dense aspen timber along bottom of canyon; ascend abruptly 610 ft. over E. and SE. slopes through dense oak brush to

38.50 Spur and leave dense undergrowth, projects N.  $80^{\circ}$  E.; thence along N. slope to

40.20 The center  $\frac{1}{4}$  sec. cor. sec. 20 heretofore described. Continue along N. slope through scattering patches of dense timber to

61.30 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for center west sixteenth-section cor., sec. 20, with brass cap marked

C       $\frac{1}{16}$       C  
                     S20  
                     1925

from which

    A spruce, 8 ins. diam., bears S.  $39^{\circ}$  E., 79 lks.

        dist., marked C W  $\frac{1}{16}$  S 20 B T

    A spruce, 8 ins. diam., bears N.  $56\frac{1}{4}^{\circ}$  W., 90 lks.

        dist., marked C W  $\frac{1}{16}$  S 20 B T

62.40 Draw, drains NE.; ascend abruptly 450 ft. over E. slope through dense undergrowth and timber to

78.40 High ridge spur, projects NE.; gradually descend 25 ft. to

82.40 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 20, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, rough mountainous.

Soil, loam and rocky; 2nd. and 4th. rates.

Timber, aspen and spruce.

Undergrowth, oak, sage, service berry, choke cherry, maple and grass.

Indications of coal on entire mile.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

from the center west sixteenth-section cor. sec. 20,  
heretofore described.

N.  $0^{\circ}40'E.$ , on true N. and S. center line NW  $\frac{1}{4}$  sec. 20.

Over rough mountainous land through dense undergrowth.

and scattering timber. Descend.

2.50 Draw, drains N.  $70^{\circ}E.$ ; ascend abruptly 160 ft. to

17.00 Spur, projects NE.; leave undergrowth and descend N. slope

19.84 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in  
the ground on solid rock and 20 ins. in a mound of stone  
for NW  $\frac{1}{16}$  section cor. sec. 20, with brass cap marked

NW  $\frac{1}{16}$  S20

1925

from which

an aspen, 6 ins. diam., bears N.  $61\frac{1}{2}^{\circ}W.$ , 373 lks.

dist., marked NW  $\frac{1}{16}$  S20 BT

Other accessories impracticable.

Cor. stands on gentle N. slope near top of high spur.

Descend abruptly over N. and NW. slopes.

35.50 Enter dense timber, bears E. and W.

39.66 The west sixteenth-section cor. bet. secs. 17 and 20,  
described in the field notes of the resurvey of T.13  
S., R.8 E., book "C", this group; 500 ft. below NW  
 $\frac{1}{16}$  sec. cor.

Land, mountainous.

Soil, brown loam and rocky; 2nd. and 3rd. rates.

Timber, spruce and aspen.

Undergrowth, oak, service berry, sagebrush and grass.

from the center north sixteenth-section cor. sec. 20,  
heretofore described.

S.  $89^{\circ}25'W.$ , on true E. and W. center line NW  $\frac{1}{4}$  sec. 20.

Ascend abruptly over S. and SE. slopes of rough mountain-  
ous land through dense undergrowth.

18.50 Spur, 500 ft. above cor., projects NE.; leave dense under-  
growth and descend along N. slope.

20.60 The NW  $\frac{1}{16}$  sec. cor. sec. 20 heretofore described.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

28.30 Spur, projects N.; from this point a frame house at the mouth of Bryner Canyon, bears N.3°15'E. about 30 chs. distant. Descend.

32.60 Draw, drains N.; ascend.

37.15 Spur, projects N.; descend abruptly to

41.20 The north sixteenth-section cor. bet. secs. 19 and 20, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, mountainous.

Soil, shallow loam and rocky; 2nd. and 4th. rates.

Timber, aspen and spruce on both sides of line.

Undergrowth, oak, sage, service berry brush and grass.

## SUBDIVISION-OF-SECTION 22

from the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs.

22 and 27, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N. 0°27'E., on true N. and S. center line sec. 22.

ascend S. and SE. slopes over broken mountainous land through medium growth of timber and undergrowth.

19.86 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for center south sixteenth-section cor. sec. 22, with brass cap marked

$$\begin{array}{c} \text{C} \\ \text{S } 1/16 \quad | \quad \text{S } 22 \\ \text{C} \\ 1925 \end{array}$$

from which

A pinon, 16 ins.diam., bears S.37 $\frac{1}{2}$ °E., 30 lks.

dist., marked C S 1/16 S 22 B T

A cedar, 14 ins.diam., bears S.36°W., 36 lks.

dist., marked C S 1/16 S 22 B T

26.00 Ridge, bears NE. and SW.; continue ascent along general W. slope.

39.73 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

the ground on solid rock and 18 ins. in a mound of stone for center quarter-section cor. sec. 22, with brass cap marked

C  $\frac{1}{4}$  S 22

1925

from which

A pinon, 8 ins.diam., bears S.  $30^{\circ}$  E., 78 lks.

dist., marked C  $\frac{1}{4}$  S 22 B T

A pinon, 14 ins.diam., bears N.  $2\frac{1}{4}^{\circ}$  W., 189 lks.

dist., marked C  $\frac{1}{4}$  S 22 B T

Cor. stands on W. slope near top of a sharp ridge spur, projecting S.

ascend along W. slope and top of spur projecting S.

54.20 Point of spur, falls W. at junction with a spur projecting S.; thence along broken W. slope.

59.65 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for center north sixteenth-section cor., sec. 22, with brass cap marked

C  
N  $1/16$  | S 22  
C  
1925

from which

A spruce, 8 ins.diam., bears S.  $51\frac{1}{2}^{\circ}$  E., 88 lks.

dist., marked C N  $1/16$  S 22 B T

A pinon, 10 ins.diam., bears S.  $30^{\circ}$  W., 78 lks.

dist., marked C N  $1/16$  S 22 B T

64.50 Steep, rocky draw, drains SW.; ascend abruptly.

71.30 High spur, projects W.; descend abruptly over N. slope.

78.75 Draw, drains NW.; thence along W. slope.

79.57 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 15 and 22,

described in the field notes of the resurvey of T.13 S.

R.8 E., book "C", this group.

Land, mountainous.

Soil, clay loam and rocky; 2nd. and 4th. rates.

## SUBDIVISION OF SECTIONS, T.13 S., R.8 E.

Timber, cedar, pinon and scattering spruce.

Undergrowth, oak, service berry, sagebrush and grass.

From the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs.

21 and 22, described in the field notes of the resurvey of T.13 S., R.8 E., book "G", this group.

N.88°59'E., on true E. and W. center line sec. 22.

Over rolling bench land through medium growth of sage and scattering oak brush.

- 20.26 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and surrounded by a mound of stone for center west sixteenth-section cor. sec. 22, with brass cap marked

$$\begin{array}{c} \text{C} \quad \frac{\text{W } 1/16}{\text{S } 22} \quad \text{C} \\ 1925 \end{array}$$

from which

A pinon, 8 ins. diam., bears S.85°E., 161 lks.

dist., marked C W 1/16 S 22 B T

A pinon, 5 ins. diam., bears N.66°W., 149 lks.

dist., marked C W 1/16 S 22 B T

- 21.00 Leave bench and enter mountainous land and heavy undergrowth and scattering timber, bears N. and S.

- 23.75 Canyon, drains S.; ascend N. slope to

- 40.52 The center  $\frac{1}{4}$  sec. cor. sec. 22 heretofore described.

- 41.50 Sharp, rocky ridge, spur, projects S.; thence over rough broken general S. exposure.

- 60.64 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for center east sixteenth-section cor. sec. 22, with brass cap marked

$$\begin{array}{c} \text{C} \quad \frac{\text{E } 1/16}{\text{S } 22} \quad \text{C} \\ 1925 \end{array}$$

from which

A pinon, 8 ins. diam., bears N.6°E., 151 lks.

dist., marked C E 1/16 S 22 B T

A cedar, 12 ins. diam., bears S.20°E., 75 lks.



## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

dist., marked C E 1/16 S 22 B T

67.10 Rocky draw, drains S.

77.90 Canyon, drains S. 30° W.

80.76 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 22 and 23,  
described in the field notes of the resurvey of T.13  
S., R.8 E., book "C", this group. . . . .

Land, rolling bench and rough mountainous.

Soil, shallow clay loam and rocky; 3rd. and 4th. rates.

Timber, cedar and pinon.

Undergrowth, sage, oak, service berry and buck brush.

## SUBDIVISION-OF-SECTION 23

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 23 and 26,  
described in the field notes of the resurvey of T.13 S.,  
R.8 E., book "C", this group.

N. 0° 49' E., on true N. and S. center line sec. 23.

Ascend abruptly S. and SW. talus slopes strewn with  
sandstone boulders over rough mountainous land.

20.07 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for center south sixteenth-section cor. sec.  
23, with brass cap marked

C  
S 1/16 | S 23  
C  
1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Cor. stands on SW. slope at base of high ledge and break  
of mountain, 525 ft. above  $\frac{1}{4}$  sec. cor.

Ascend abruptly over ledges, bears NW. and SE.

28.00 Top of ledges and high mountain ridge, 325 ft. above 1/16  
sec. cor., bears N. 25° W. and SE.; thence over rough,  
broken mountainous land across head of canyon draining  
E.

40.14 Point for the center  $\frac{1}{4}$  sec. cor. sec. 23 falls on face  
of sandstone outcropping where cor. cannot be set.

Witness cor. established N. 88° 39' W., 90 lks. distant

## SUBDIVISION OF SECTIONS. T.13 S., R.8 E.

For establishment of cor. see E. and W. center line this section.

ascend abruptly through medium growth of timber.

57.00 Enter dense undergrowth, bears NW. and SE.

60.60 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for center north sixteenth-section cor. sec. 23, with brass cap marked

$$\begin{array}{c} \text{C} \\ | \\ \text{N } 1/16 \quad \quad \text{S } 23 \\ | \\ \text{C} \\ 1925 \end{array}$$

from which

A pinon, 8 ins. diam., bears N.  $85\frac{1}{2}^{\circ}$  E., 131 lks.

dist., marked C N 1/16 S 23 B T

A spruce, 8 ins. diam., bears N.  $10\frac{1}{2}^{\circ}$  E., 86 lks.

dist., marked C N 1/16 S 23 B T

Cor. stands on brushy SW. slope, 500 ft. above point for center  $\frac{1}{4}$  sec. cor.; continue ascent over SW. slope.

72.50 Top of high ridge and leave timber, 240 ft. above 1/16 sec. cor., bears NW. and SE.; descend over grassy N. and NW. slopes 180 ft. to

81.06 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 23, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, rough mountainous.

Soil, clay and rock; 4th. rates.

Timber, cedar, pinon and spruce.

Undergrowth, oak, service berry brush, mahogany and grass.

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 23 and 24, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N.  $88^{\circ}39'$  W., on true E. and W. center line sec. 23.

ascend along broken S. slope over rough mountainous land through dense timber and scattering undergrowth.

19.15 True point for center east sixteenth-section cor. sec. 23

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

falls on sloping face of large sandstone boulder  
where cor. cannot be set.

- 19.21 On top of sandstone boulder, 30x15x10 ft. above ground.  
Mark a cross (X), over which  
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in  
a large mound of stone for witness cor. to center east  
sixteenth-section cor. sec. 23, with brass cap marked

E 1/16  
C ————— CWC  
S23  
1925

from which

A cedar, 24 ins.diam., bears S.77½°W., 87 lks.

dist., marked W C C E 1/16 S 23 B T

A pinon, 5 ins.diam., bears N.44½°W., 55 lks.

dist., marked T C C E 1/16 S 23 B T

- 27.45 Top of sandstone ledge, 50 ft. high, bears NE. and SW.  
32.30 Top of ascent on S. slope; gradually descend.  
36.40 Top of sandstone ledge, 30 ft. high, bears N. and S.  
38.30 Point for center ¼ sec. cor. sec. 23 falls on face of  
sandstone outcropping.  
39.20 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in  
the ground on solid rock and 18 ins. in a mound of  
stone for witness cor. to the center ¼ sec. cor. sec.  
23, with brass cap marked

C ¼ S 23 W C

1925

from which

A cedar, 12 ins.diam., bears S.57½°E., 18 lks.

dist., marked W C C ¼ S 23 B T

A pinon, 14 ins.diam., bears N.53½°W., 65 lks.

dist., marked W C C ¼ S 23 B T

- 46.00 Top of ridge and break of mountain, bears N.30°W. and  
S.30°E.; descend abruptly over ledges and rough,  
broken S. and SW. talus slopes.  
57.95 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in  
the ground on solid rock and 24 ins. in a mound of

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

stone for center west sixteenth-section cor. sec. 23,  
with brass cap marked

C  $\frac{W \ 1/16}{S23}$  C  
1925

from which

A pinon, 12 ins. diam., bears N.  $68\frac{1}{2}^{\circ}$  E., 46 lks.

dist., marked C W 1/16 S 23 B T

A pinon, 16 ins. diam., bears S.  $17\frac{1}{2}^{\circ}$  E., 37 lks.

dist., marked C W 1/16 S 23 B T

Continue over rough broken slopes of mountain.

- 77.60 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 22 and 23,  
described in the field notes of the resurvey of T.13  
S., R.8 E., book "C", this group.

Land, rough mountains.

Soil, clay and rocky; 4th. rate.

Timber, cedar, pinon and scattering spruce.

Undergrowth, scattering oak, sage and service berry brush.

---

From the center west sixteenth-section cor. sec. 23,  
heretofore described.

N.  $0^{\circ}43'$  E., on true N. and S. line NW.  $\frac{1}{4}$  sec. 23.

Ascend abruptly over S. and SW. slopes of break of mount-  
ain over sandstone boulders and ledges.

- 20.00 Top of sandstone ledge, 100 ft. high, bears N.  $30^{\circ}$  W. and  
S.  $30^{\circ}$  E.; continue ascent along broken W. slope.

- 20.36 Point for NW 1/16 sec. cor. sec. 23 falls on steep slope  
near top of ledge where cor. cannot be permanently  
established; therefore, at at point S.  $78^{\circ}41'$  E., 51 lks.  
distant, on upper edge of a large, flat sandstone boulder,  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for witness cor. to the NW. 1/16 sec. cor.  
sec. 23, with brass cap marked

WC

WC NW 1/16 S23

1925

from which

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

A spruce, 24 ins.diam., bears N.45°E., 123 lks.

dist., marked W C NW 1/16 S 23 B T

A spruce, 8 ins.diam., bears N.1°E., 156 lks.

dist., marked W C NW 1/16 S 23 B T

From true point for the NW 1/16 sec. cor., continue N.0°43'E.; ascending along general W. slope through scattering timber and undergrowth.

- 40.68 The west sixteenth-section cor. bet. secs. 14 and 23, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group, 400 ft. above true point for NW.1/16 sec. cor.

Land, mountainous.

Soil, clay and rocky; 4th. rate.

Timber, cedar, pinon and spruce.

Undergrowth, sage, oak and service berry brush.

From the center north sixteenth-section cor. sec. 23, heretofore described.

N.89°03'W., on true E. and W. center line NW 1/4 sec. 23.

Over rough mountainous land through medium growth of timber and undergrowth.

- 1.20 Draw, drains S.; ascend abruptly E. slope 250 ft. to  
11.60 Ridge, bears N. and S.; descend abruptly rocky W. slope  
250 ft. to

- 19.68 The true point for the NW.1/16 sec. cor. sec. 23; the  
witness cor. to said cor. bears S.78°41'E., 51 lks.  
distant.

Descend abruptly over high ledges and breaks of mountain.

- 32.00 Canyon, 600 ft. below point for NW.1/16 sec. cor.,  
drains S.30°W.; ascend abruptly broken E. and SE. slopes

- 39.37 The north sixteenth-section cor. bet. secs. 22 and 23,  
described in the field notes of the resurvey of T.13 S.,  
R.8 E., book "C", this group.

Land, mountainous.

Soil, rocky; 4th. rate.

Timber, cedar, pinon and spruce.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

Undergrowth, scattering oak, service berry, mahogany and sagebrush.

## SUBDIVISION-OF-SECTION 24

From the true point for the  $\frac{1}{2}$  sec. cor. bet. secs. 24 and 25, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

N.  $1^{\circ}41'W.$ , on true N. and S. center line sec. 24.

Over rough, broken mountainous land through medium growth of timber and scattering undergrowth.

.75 Wash, in steep draw, drains E.

4.40 Spur, projects E.; thence over rough broken land sloping NE.

19.81 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center south sixteenth-section cor. sec. 23, with brass cap marked

$$\begin{array}{c} C \\ S \frac{1}{16} \quad | \quad S 24 \\ C \\ 1925 \end{array}$$

from which

A cedar, 12 ins. diam., bears S.  $30^{\circ}E.$ , 73

lks. dist., marked C S  $\frac{1}{16}$  S 24 B T

A pinon, 12 ins. diam., bears S.  $67^{\circ}E.$ , 19 $\frac{1}{2}$

lks. dist., marked C S  $\frac{1}{16}$  S 24 B T

28.60 Bottom of Wildcat Canyon, drains SE.; ascend abruptly broken S. and SW. slopes.

39.62 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for center quarter-section cor. sec. 24, with brass cap marked

$$\begin{array}{c} C \frac{1}{4} S 24 \\ 1925 \end{array}$$

from which

A spruce, 14 ins. diam., bears N.  $84^{\circ}E.$ , 29 lks.

dist., marked C  $\frac{1}{4}$  S 24 B T

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

Chains

A spruce, 12 ins.diam., bears S.  $17\frac{1}{2}^{\circ}$  W., 105 lks.dist., marked C  $\frac{1}{4}$  S 24 B T

Continue steep ascent over S. slope strewn with sandstone boulders.

46.50 Top of sandstone ledge, 40 ft. high, bears NW. and SE.

50.00 Top of steep ascent; thence along general W. slope.

53.30 Spur, projects SW., 200 ft. above C  $\frac{1}{4}$  sec. cor.; thence gradually descend along W. slope.

59.46 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center north sixteenth-section cor., sec. 24, with brass cap marked

C  
N 1/16 | S 24  
C  
1925

from which

A spruce, 8 ins.diam., bears S.  $41\frac{3}{4}^{\circ}$  W., 65 lks.

dist., marked C N 1/16 S 24 B T

A spruce, 14 ins.diam., bears N.  $19^{\circ}$  W., 68 lks.

dist., marked C N 1/16 S 24 B T

68.50 Bottom of canyon, rimmed with ledges, drains SW.; ascend abruptly broken SE. slope to

79.30 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 24, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

Land, rough mountainous.

Soil, clay and rock; 4th. rate.

Timber, cedar, pinon and spruce.

Undergrowth, scattering service berry, buck and sagebrush.

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 23 and 24, described in the field notes of the resurvey of T.13 S., R.8 E., book "C", this group.

S.  $89^{\circ}13'$  E., on true E. and W. center line sec. 24.

Gradually ascend along broken S. slope over rough mountainous land through dense timber and scattering undergrowth.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

- 4.20 Top of ascent, thence gradually descend along S. slope.
- 19.15 Set an iron post, 3 ft. long, 1 in. in dia., 22 ins. in the ground on solid rock and surrounded by a mound of stone for center west sixteenth-section cor. sec. 24, with brass cap marked
- $$C \frac{W \ 1/16}{S24} C$$
- 1925
- from which
- A pinon, 8 ins.diam., bears S.  $18\frac{1}{2}^{\circ}$  W., 81 lks.  
dist., marked C W 1/16 S 24 B T
- A pinon, 5 ins.diam., bears N.  $60^{\circ}$  W., 47 lks.  
dist., marked C W 1/16 S 24 B T
- 22.70 Bottom of Wildcat Canyon, drains S.; ascend rough, broken W. slope.
- 26.80 Thence along nearly S. slope.
- 38.30 The center  $\frac{1}{2}$  sec. cor. sec. 24 heretofore described.
- 46.60 Top of ascent, bears N. and S.; descend over rough SE. slope.
- 57.49 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone on solid rock for center east sixteenth-section cor. sec. 24, with brass cap marked
- $$C \frac{E \ 1/16}{S24} C$$
- 1925
- from which
- A pinon, 8 ins.diam., bears N.  $41\frac{1}{2}^{\circ}$  E., 23 lks.  
dist., marked C E 1/16 S 24 B T
- A pinon, 8 ins. diam., bears S.  $61\frac{1}{2}^{\circ}$  W., 44 lks.  
dist., marked C E 1/16 S 24 B T
- Cor. stands on rough, broken SE. slope among large sandstone boulders, 220 ft. below top of ascent.
- Continue to descent.
- 60.75 Bottom of large draw, drains S.; ascend abruptly over broken general W. slope strewn with boulders and broken by sandstone ledges to



## SUBDIVISION-OF-SECTIONS, T.13 S., R.8 E.

## Chains

- 76.68 The reestablished  $\frac{1}{2}$  sec. cor. bet. secs. 19 and 24 on the E. bdy. of the Tp. described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.
- Land, rough mountainous.
- Soil, clay and rock; 4th. rate.
- Timber, cedar, pinon and scattering spruce.
- Undergrowth, sagebrush and bunch grass.

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For general description see resurvey of T.13 S., R.8 E., book "C", this group.



# CERTIFICATE OF UNITED STATES SURVEYOR.

~~Cadastral Engineer~~

Howard W. Miller, U. S. Cadastral Engineer  
and Ralph W. Hodge, U. S. Surveyor, hereby certify upon honor that  
 of special instructions received from the U. S. Surveyor General for Utah  
 bearing date of the 11th day of July, 1923, we have well, faithfully  
our  
 in our own proper persons and in strict conformity with said instructions, the Manual of Surveying  
 tions, and the laws of the United States, surveyed all those parts or portions of  
Subdivision of sections 1, 2, 11, 12, 13, 14, 15, 20, 22, 23, and 24,  
T. 13 S., R. 8 E.  
 of the Salt Lake  
and Meridian, in the State of Utah, which are represented  
and date diagram on dates shown on said diagram  
 the foregoing field notes as having been executed by us and under our direction; and that all the corners  
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying In-  
 tions, and the special written instructions of the U. S. Surveyor General for Utah  
 and in the specific manner described in the field notes, and that the foregoing are the original field notes  
 such survey. Certified to at:  
Salt Lake City, Utah, Aug. 1, 1926  
Washington, D. C. August 9, 1926.

*Howard W. Miller*  
 U. S. Cadastral Engineer  
*Ralph W. Hodge*  
 U. S. Surveyor

## APPROVAL.

Supervisor of Surveys  
 OFFICE OF THE UNITED STATES ~~Surveyor General~~

Denver, Colorado. February 21, 1927, 1

The foregoing field notes of the survey of the subdivision of sections 1, 2, 11,  
12, 13, 14, 15, 20, 22, 23 and 24, T. 13 S., R. 8 E., S.L.B. & M.,

executed by Howard W. Miller, U.S.C.E., and Ralph W. Hodge, U.S.S.,  
 under ~~the~~ special instructions dated July 11, 1923 having  
 critically examined, and the necessary corrections and explanations made, the said field notes, and the same  
 they describe, are hereby approved.

*Franklin D. Johnson*  
 Supervisor of Surveys ~~Franklin D. Johnson~~

I certify that the foregoing transcript of the field notes of the above-described surveys in  
 \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

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BOOK A-483

4-579

RECEIVED  
JAN 4 1929  
Department Of The Interior  
Public Survey Office  
Salt Lake City, Utah  
Received  
Jan. 4, 1929

"E"  
FIELD NOTES

OF THE ~~SUBJECT OF THE~~

DEPENDENT RESURVEY OF THE EAST, SOUTH,  
AND NORTH BOUNDARIES AND SUBDIVISION

OF

T. 13 S., R. 9 E.

Of the SALT LAKE BASE AND Meridian,

the State of UTAH

EXECUTED BY

Howard W. Miller, and Andrew Nelson, U.S. Cadastral Engineers

and

Ralph W. Hodge, Robert C. Yundt, and Willis W. Bandy

the capacity of U. S. Surveyor <sup>s</sup>, under instructions dated July 11, 1923, ~~1921~~,

issued by the United States Surveyor General to govern surveys included in

Group No. 123, which were approved by the Commissioner of the General Land

Office, July 23, 1923, and assignment instructions dated July 23, 1923, ~~1921~~, pursuant to authority contained in the Act of

supplemental assignment instructions dated September 26, 1924,

~~which were dated~~ November 6, 1924, May 10, 1925; October 19, 1925, and  
November 7, 1925.

Re Survey commenced August 14, 1923, ~~1921~~

Re Survey completed October 4, 1928. ~~1921~~

BOOK A-483

# INDEX DIAGRAM.

| Township 13 South |     |     |     |     |    | Range 9 East |    |    |    |    |    |
|-------------------|-----|-----|-----|-----|----|--------------|----|----|----|----|----|
| 43                |     |     |     |     |    | 37           |    |    |    |    |    |
| 43                |     |     |     |     |    | 37           |    |    |    |    |    |
| 6                 | 141 | 5   | 117 | 4   | 99 | 8            | 80 | 2  | 63 | 1  | 22 |
| 140               |     | 139 |     | 116 |    | 98           |    | 79 |    | 62 |    |
| 7                 | 136 | 8   | 114 | 9   | 97 | 10           | 77 | 11 | 60 | 12 | 20 |
| 134               |     | 132 |     | 112 |    | 95           |    | 75 |    | 58 |    |
| 18                | 130 | 17  | 109 | 16  | 92 | 15           | 73 | 14 | 56 | 13 | 18 |
| 129               |     | 128 |     | 108 |    | 89           |    | 72 |    | 54 |    |
| 19                | 127 | 20  | 107 | 21  | 88 | 22           | 70 | 23 | 52 | 24 | 16 |
| 126               |     | 124 |     | 105 |    | 87           |    | 69 |    | 50 |    |
| 30                | 123 | 29  | 104 | 28  | 85 | 27           | 67 | 26 | 47 | 25 | 14 |
| 122               |     | 121 |     | 103 |    | 84           |    | 66 |    | 46 |    |
| 31                | 119 | 32  | 101 | 33  | 82 | 34           | 65 | 35 | 44 | 36 | 13 |
| 35                |     | 33  |     | 31  |    | 30           |    | 28 |    | 26 |    |
| 26                |     | 25  |     | 25  |    | 25           |    | 24 |    | 24 |    |

## DEPENDENT RESURVEY T.13S. R.9 E.

| T. 13 S., R. 9 E. |    |    |    |    |    |
|-------------------|----|----|----|----|----|
| 6                 | 5  | 4  | 3  | 2  | 1  |
| 7                 | 8  | 9  | 10 | 11 | 12 |
| 18                | 17 | 16 | 15 | 14 | 13 |
| 19                | 20 | 21 | 22 | 23 | 24 |
| 30                | 29 | 28 | 27 | 26 | 25 |
| 31                | 32 | 33 | 34 | 35 | 36 |

\_\_\_\_\_ Lines run by Howard W Miller, U.S. Cadastral engineer.

\_\_\_\_\_ Lines run by Andrew Nelson, U.S. Cadastral Engineer.

\_\_\_\_\_ Lines run by Ralph W. Hodge, U.S. Surveyor.

\_\_\_\_\_ Lines run by Willis W Bandy, U.S. Surveyor.

\_\_\_\_\_ Lines run jointly by Howard W Miller and Andrew Nelson, U S Cadastral Engineers.

\_\_\_\_\_ Lines run jointly by Andrew Nelson, U S. Cadastral Engineer, and Ralph W. Hodge, U S. Surveyor

\_\_\_\_\_ Lines run jointly by Ralph W. Hodge, and Robert C. Yundt, U.S. Surveyors.

Resurvey commenced August 14, 1923.

Resurvey completed October 4, 1928.



## DEPENDENT RESURVEY OF T. 13 S., R. 9 E.

## DESCRIPTION AND TEST OF INSTRUMENTS

Supplemental Special Instructions, Group 123, UT, dated July 11, 1923, and approved July 23, 1923, provide for a dependent resurvey of T. 13 S., R. 9 E. S. L. B & M. Utah. The resurvey is commenced August 14, 1923 and executed with Buff & Buff transits Nos. 8964 and 16726, used by Howard W. Miller, U. S. Cadastral Engineer in 1923 and 1925, respectively, Buff and Buff Transit No. 9978 used by Andrew Nelson, U. S. Cadastral Engineer, and Robert C. Yundt, U. S. Surveyor in 1924, Young and Sons Transit No. 8531, used by Ralph W. Hodge, U. S. Surveyor in 1925 and Young and Sons transit No. 851 used by Willis W. Bandy, U. S. Surveyor in 1925. All the instruments are equipped with a full vertical circle and Smith solar attachment; the horizontal limbs are placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs and vertical circle. All azimuth determinations are accomplished with the solar attachment, except the special observations upon Polaris upon which to test the solar apparatus as stated in these notes. The Polaris observations are made by Howard W. Miller, U. S. Cadastral Engineer, with Buff and Buff transits Nos. 8964 and 16726.

The instruments were approved for use in this survey, conditional upon satisfactory field tests as stated in assignment instructions dated July 23, 1923 and supplemental assignment instructions dated September 26, 1924, November 6, 1924, May 10, 1925, October 1925, and November 7, 1925.

We examine the adjustment of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar

## DEPENDENT RESURVEY OF T.13 S., R.9 E.

## Chains

observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, we proceed as follows:

OBSERVATION ON POLARIS FOR MERIDIAN  
AND LATITUDE AND TEST OF BUFF AND BUFF  
TRANSIT NO. 8964

October 25, 1923: I correct my watch to agree with 105th. meridian standard time, comparison being made with a Western Union Telegraph Clock at division headquarters of the D. & R.G. Ry., at Helper, Utah, on this date.

At my camp, near the  $\frac{1}{2}$  sec. cor. bet. secs. 19 and 24 on the E. bdy. of T.13 S., R.9 E., approximate latitude  $39^{\circ}41'N.$ , longitude  $110^{\circ}52'W.$ , at 3:30 p.m. apparent time, I set off  $39^{\circ}41'$  on the latitude arc;  $11^{\circ}58'S.$ , on the declination arc, and determine a meridian with transit No. 8964, and note that a flag pole on a high peak, about 1 mile distant, bears  $N.18^{\circ}08'E.$

At the same station at 5h. 04m. 32s. p.m. l.m.t., I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the above described flag pole in the direction of N.-W. to Polaris.

Mean watch time of observation = 5h. 28m. 00s. p.m.

Mean observed altitude of Polaris =  $39^{\circ}36'15''$

Mean horizontal angle from flag  
to Polaris =  $16^{\circ}42\frac{1}{2}'W.$

Azimuth of Polaris at observation =  $1^{\circ}26'E.$

True bearing of flag pole =  $N.18^{\circ}08\frac{1}{2}'E.$

Reduced latitude of station =  $39^{\circ}40'52''$

October 26, 1923: At 9h. a.m. apparent time, I set off  $39^{\circ}41'$  on the latitude arc;  $12^{\circ}13'S.$ , on the decl. arc; and determine a meridian with the solar and find that the flag pole bears  $N.18^{\circ}08'E.$

At apparent noon, with the transit in the true meridian and the latitude arc unchanged, I observe the sun on the meridian, the resulting reading of the declination arc is  $12^{\circ}16'S.$ , which agrees with the computed decl. of the sun.

DEPENDENT RESURVEY OF T.13 S., R.9 E.

Chains

Note: For test of Buff transit No. 8964 prior to October 25, 1923, see resurvey of T.12 S., R.10 E., book "A", this group. Also, this instrument was not used on this group after November 19, 1923.

TEST OF BUFF AND BUFF TRANSIT NO. 9978

The true meridian established by Howard W. Miller, U. S. cadastral engineer, at his camp near the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 24 on the E. bdy. of T.13 S., R.9 E. in October 1923 is definitely marked, the south point being a cross cut in a sandstone outcropping and the flag to the north is standing; therefore, transit No. 9978 is tested on this meridian as follows:

October 12, 1924: With the transit placed over the south point of the true meridian, at 8:30 a.m. apparent time I set off  $39^{\circ}41'$  on the latitude arc;  $7^{\circ}25\frac{1}{2}'$  S., on the declination arc; and determine a meridian with the solar and find that the flag pole bears N.  $18^{\circ}09'$  E.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian, the resulting reading of the declination arc is  $7^{\circ}30'S.$ , which agrees with the computed declination of the sun.

At 4h. p.m. apparent time, I set off  $39^{\circ}41'$  on the lat. arc;  $7^{\circ}32\frac{1}{2}'$  S., on the declination arc; and determine a meridian with the solar and find that the tree bears N.  $18^{\circ}08'$  E.

Note: This instrument was used jointly on this survey by Andrew Nelson, U. S. cadastral engineer, and Robert C. Yundt, U. S. surveyor, during the period from October 8 to November 6, 1924.

TEST OF YOUNG AND SONS TRANSIT NO. 8531

May 19, 1925: I make the following test of transit No.

8531 on the above described meridian as follows:

At 8h. a.m. apparent time, I set off  $39^{\circ}41'$  on the

## DEPENDENT RESURVEY OF T.13 S., R.9 E.

latitude arc,  $19^{\circ}46'N.$ , on the declination arc, and determine a meridian with the solar and find that the flag pole bears  $N.18^{\circ}08'E.$

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is  $19^{\circ}47'$ , which agrees with the computed declination of the sun.

At 4h. p.m. apparent time, I set off  $39^{\circ}41'$  on the lat. arc;  $19^{\circ}50'N.$ , on the declination arc, and determine a meridian with the solar and find that the tree bears  $N.18^{\circ}08'E.$

This instrument was used on this assignment from May 19 to Sept. 21, 1925; for further tests see resurvey of T.13 S., R.8 E., book "C", this group.

## TEST OF BUFF AND BUFF TRANSIT NO.16726

In order to check the true meridian established October 25, 1923 by observations made on Polaris at camp near the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 24, E. bdy. T.13 S., R.9 E. (record of observation heretofore described)

I make another observation on Polaris as follows:

October 3, 1925: With transit 16726 on the S. point of previously established meridian; at 5h. 15m. p.m. by my watch which is 23m. 28s. fast of l.m.t., I make an hour angle observation on Polaris E. of the meridian, making four observations, two each with the telescope in direct and reversed positions and reading the horizontal deflection angle from the flag pole to the north in the direction of N.- W. to Polaris.

|   |                         |
|---|-------------------------|
| L. M. T. of observation                         | = 4h. 51m. 32s. p.m.    |
| Hour angle of Polaris at obsn.                  | = 7h. 54m. 16s.         |
| Azimuth of Polaris at obsn.                     | = $1^{\circ}14.8'E.$    |
| Mean horizontal angle from flag pole to Polaris | = $16^{\circ}53'45''W.$ |

True bearing of flag pole =  $N.18^{\circ}08\frac{1}{2}'E.$

October 4, 1925: At 9h. a.m. apparent time, I set off  $39^{\circ}41'$  on the latitude arc;  $4^{\circ}18'S.$ , on the declination

## DEPENDENT RESURVEY OF T.13 S..R.9 E.

arc; and determine a meridian with the solar and find that the flag pole bears  $N.18^{\circ}09'E$ .

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is  $4^{\circ}21'S$ ., which agrees with the computed declination of the sun.

At 3h.p.m. apparent time, I set off  $39^{\circ}41'$  on the lat. arc;  $4^{\circ}24'S$ ., on the declination arc; and determine a meridian with the solar and find that the tree bears  $N.18^{\circ}08'E$ .

Note: This instrument was used on the resurvey of T.13 S. R.9 E., from September 21, 1925 until the completion of the resurvey on November 24, 1925.

## TEST OF YOUNG AND SONS TRANSIT No.8513

I make the following test of Young and Sons transit No. 8513 on the true meridian established October 25, 1923 and checked October 3, 1925 as follows:

October 25, 1925: At 8h. a.m. apparent time, I set off  $39^{\circ}41'$  on the latitude arc;  $12^{\circ}01'S$ ., on the declination arc; and determine a meridian with the solar and find that the flag pole bears  $N.18^{\circ}09'E$ .

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is  $12^{\circ}06'S$ ., which agrees with the computed declination of the sun.

At 3h. p.m. apparent time, I set off  $39^{\circ}41'$  on the lat. arc;  $12^{\circ}08'S$ ., on the declination arc; and determine a meridian with the solar and find that the flag pole bears  $N.18^{\circ}08'E$ .

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The solar apparatus of all of the above instruments by a.m. and p.m. observations defines positions for meridians which practically agree with the true meridian as established by the observations on Polaris.

## DEPENDENT RESURVEY OF T.13 S., R.9 E.

Therefore, we conclude that the instruments are in good adjustment.

The instruments were also kept in good adjustment during the periods in which they were used on the resurvey and were in good adjustment when withdrawn. Frequent tests of the solar apparatus were made on the meridian established by observations on Polaris at camp near the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 24 on the E. bdy. of T.13 S., R.9 E.; also, Polaris observations for meridian were made on several of the section lines of the resurvey in order to verify the solar work in the field.

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## MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes, 5 and 8 chs. in length, compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined by use of clinometers and transits, and the slope measurements properly reduced to true horizontal distances.

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## METHOD AND ORDER OF PROCEDURE

In order to conclusively identify the township exteriors, the east, south and west boundaries and 3 miles of the north boundary of T.13 S., R.9 E. were retraced. All missing section and quarter-section corners were restored by single proportionate measurement on a line connecting the nearest identified original corners in either direction.

The limiting boundaries of the township having been fully identified and reestablished, all the interior section lines were retraced and the missing section

## DEPENDENT RESURVEY OF T.13 S., R.9 E.

## Chains

corners were restored by double proportionate measurement or by collateral evidence as hereinafter stated in the field notes. All missing quarter-section corrs. were restored by single proportionate measurement on line between the adjoining section corners.

All the existent corner monuments on the township exteriors and in the subdivision were reconstructed by placing the regulation iron post alongside the original monument.

In conjunction with and subsequent to the dependent resurvey of this township, a portion of the subdivision-of-section lines in secs. 7, 11, 14, 15, and 17 were surveyed upon application of the U. S. Bureau of Mines, authorization for same having issued in Supplemental Special Instructions dated July 11, 1923. The establishment of the sixteenth-section corners on lines bet. secs. 13 and 18 and 7 and 12 on the west boundary and on line bet. secs. 2 and 3, 3 and 4, 7 and 8, 7 and 18, 10 and 15, 11 and 14, 10 and 11, 14 and 15, 15 and 16, 16 and 17, 17 and 18, 17 and 20 and bet. secs. 15 and 22 is recorded in this book of notes; the complete record of the survey of the subdivision-of-section lines and order of procedure is recorded in book "F", of field notes, this group.

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 RETRACEMENT OF THE EAST BOUNDARY OF T.13 S., R.9 E.

From the original cor. of Tps. 13 and 14 S., Rs. 9 and 10 E. hereinafter described.

North, on retracement line bet. secs. 31 and 36.

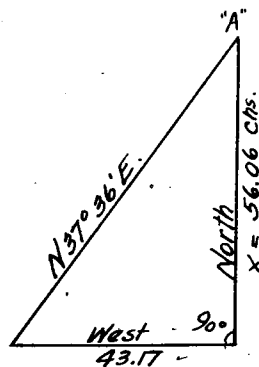
40.00 No trace of the  $\frac{1}{4}$  sec. cor. can be found.

80.53 Fall 7 lks. W. of the cor. of secs. 25, 30, 31 and 36

hereinafter described.

## DEPENDENT RESURVEY OF T.13 S., R.9 E.

| Chains |   |
|--------|---|
|        | <p>The bearing of this line therefore is <math>N.0^{\circ}03'E.</math>, and the proportionate distance for each half mile is <math>40.26\frac{1}{2}</math> chs.</p> <p>From the cor. of secs. 25,30,31 and 36.</p> <p>North, on retracement line bet. secs. 25 and 30.</p>  |
| 40.00  | No trace of the $\frac{1}{4}$ sec. cor. can be found.   |
| 80.30  | <p>Fall 14 lks. W. of the original cor. of secs. 19,24,25 and 30 hereinafter described.</p> <p>The bearing of this line therefore is <math>N.0^{\circ}06'E.</math>, and the proportionate distance for each half mile is 40.15 chs.</p> <p>From the cor. of secs. 19,24,25 and 30.</p> <p>North, on retracement line bet. secs. 19 and 24.</p>  |
| 39.84  | <p>Fall 54 lks. W. of the <math>\frac{1}{4}</math> sec. cor. hereinafter described.</p> <p>The bearing of this half mile therefore is <math>N.0^{\circ}47'E.</math>, and the distance is 39.84 chs.</p> <p>From the <math>\frac{1}{4}</math> sec. cor., continue North.</p>   |
| 41.11  | <p>Fall 56 lks. W. of the cor. of secs. 13,18,19 and 24 hereinafter described.</p> <p>The bearing of this half mile therefore is <math>N.0^{\circ}47'E.</math>, and the distance is 41.11 chs.</p> <p>From the cor. of secs. 13,18,19 and 24.</p> <p>North, on retracement line bet. secs. 13 and 18.</p>   |
| 40.00  | <p>No trace of the <math>\frac{1}{4}</math> sec. cor. can be found.</p> <p>The line north ascends high ledges and breaks of mountain up which it is impossible to chain, therefore, to determine distance to top I return to the cor. of secs. 13,18,19 and 24 and make the following triangulation:</p> <p>From cor. of secs. 13,18,19 and 24, set flag "A" on line north on top of ledges; then from sec. cor. measure base line west, 43.17 chs. distant. From west end of base flag "A" bears <math>N.37^{\circ}</math> 36'E. From flag "A" the west end of the base line bears</p> |





## DEPENDENT RESURVEY OF T.13 S., R.9 E.

Chains

S.  $37^{\circ}36'W$ . All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 56.06 chs.

56.06 Point of triangulation on top of high ledges.

80.00 No trace of the cor. of secs. 7, 12, 13 and 18 can be found.

81.99 The line north descends precipitous breaks of Panther Canyon, down which I cannot chain; therefore I make the following triangulation:

Set flag "A" on line north on top ledges on N. side of canyon and from the 81.99 chs. point measure a base line (double chained)

N.  $77^{\circ}30'W$ .. 15.77 chs.

distant to point "B". The

line "BA" bears N.  $16^{\circ}35'E$ . and the line "AB" bears S.  $16^{\circ}35'W$ . All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 55.11 chs.

Total distance from cor. of secs. 13, 18, 19 and 24 = 137.10 chs.

137.10 To point "A" of triangulation.

In order to reach the point for the  $\frac{1}{2}$  sec. cor. bet. secs. 7 and 12, I am compelled, on account of high ledges to triangulate as follows:

From the 137.10 chs. point

set flag "A" south on line,

also erect a flag at this

point, then from "A"

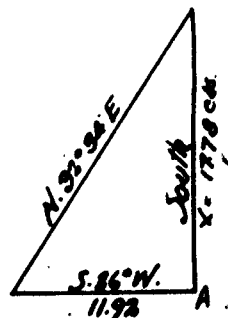
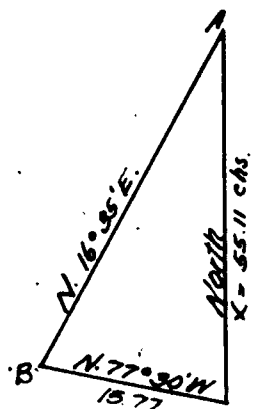
measure a base line S.  $86^{\circ}W$ ..

11.92 chs. distant; from the

west end of base the flag at the 137.10 chs. point

bears N.  $32^{\circ}34'E$ . All bearings taken by direct reading

of the solar and angles checked by deflection.



## DEPENDENT RESURVEY OF T.13 S., R.9 E.

| Chains |   |
|--------|---|
|        | Distance on line to N. point of triangulation = 137.10 chs.   |
|        | Return distance by triangulation = 17.78 chs.   |
|        | Distance from cor. of secs. 13, 18, 19 and 24 = 119.32 chs.   |
| 119.32 | To point "A" of triangulation counted from the cor. of secs. 13, 18, 19 and 24.   |
|        | Thence north by direct measurement to   |
| 120.00 | No trace of the $\frac{1}{2}$ sec. cor. bet. secs. 7 and 12 can be found.   |
|        | From the 137.10 chs. point I continue my line north.  |
| 162.08 | Fall 146 lks. E. of the original cor. of secs. 1, 6, 7 and 12 hereinafter described.  |
|        | The bearing of the line bet. the cor. of secs. 13, 18, 19, and 24 and the cor. of secs. 1, 6, 7, and 12 therefore is N.0°31'W., and the proportionate distance for each half mile is 40.52 chs. |
|        | From the cor. of secs. 1, 6, 7 and 12.  |
|        | North, on retracement line bet. secs. 1 and 6.  |
| 40.00  | No trace of the $\frac{1}{2}$ sec. cor. can be found.   |
| 80.00  | Fall 14 lks. W. of the original cor. of Tps. 12 and 13 S., Rs. 9 and 10 E. hereinafter described.   |
|        | The bearing of this line therefore is N.0°06'E., and the proportionate distance for each half mile is 40.00 chs.  |

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REESTABLISHMENT OF THE EAST BOUNDARY OF T.13 S., R.9 E., OR CASTLE VALLEY GUIDE MERIDIAN AS SURVEYED BY A. D. FERRON, U. S. DEPUTY SURVEYOR IN 1880, 1881 and 1889.

The cor. of Tps. 13 and 14 S., Rs. 9 and 10 E. on the Castle Valley Guide Meridian is a sandstone, 9x7x6 ins. above ground, firmly set, marked with 2 notches on NE., 6 notches on SE., 6 notches on SW. and 1 notch on NW. edge( other notches on stone are illegible) from which

A cedar, (dead) 14 ins.diam., bears N.39°E.,

11 lks. dist., marked S 31 T 13 S R 10 E B T

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

Chains

A cedar, 18 ins.diam., bears S.85 $\frac{1}{4}$ °E., 44 lks.  
dist., marked S6 T14S R10E BT

A cedar, 8 ins.diam., (dead) bears S.22 $\frac{3}{4}$ °W., 21  
lks.dist., marked S1 T14S R9E BT

The bearing tree in sec. 36, T.13 S., R.9 E.  
has been destroyed.

Alongside original cor.,

Set an iron post, 3 ft. long, 3 ins.diam., 26 ins. in  
the ground for cor. of Tps. 13 and 14 S., Rs. 9 and 10  
E., with brass cap marked

|            |              |             |
|------------|--------------|-------------|
|            | T13S         |             |
| R9E<br>S36 |              | R10E<br>S31 |
| S1         |              | S6          |
|            | T14S<br>1923 |             |

from which

A cedar, 8 ins.diam., bears N.33 $\frac{1}{2}$ °E., 98 lks.  
dist., marked T 13 S R 10 E S 31 B T

A pinon, 10 ins.diam., bears S.19°W., 151 lks.  
dist., marked T 14 S R 9 E S 1 B T

A pinon, 6 ins.diam., bears N.30 $\frac{3}{4}$ °W., 151 lks.  
dist., marked T 13 S R 9 E S 36 B T

Thence

N.0°03'E., on true line bet. secs. 31 and 36.

Gradually descend N. slope over rolling mountainous land  
through dense scrub timber and short undergrowth.

A high tension power line runs parallel to line about  
30 lks. west.

8.85 Wash, drains NW.

25.25 A small box gulch at brink of bench, drains NW.

33.40 Leave timber, bears NE. and SW.

35.50 Point of bench and enter rolling valley, bears E. and SW.

Thence over rolling land in lane, 1.50 chs. wide leading  
to Spring Glenn, Utah to the north.

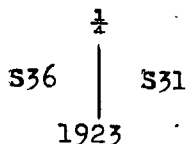
40.26 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., with top

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

## Chains

6 ins. under surface of ground for  $\frac{1}{4}$  sec. cor., with  
brass cap marked



Deposit glass and several pieces of iron around base of  
post.

Cor. stands in center of street bearing N. and S.; the  
junction of a lane from the east, bears E. 85 lks.  
distant; a small house bears N.  $15^{\circ}$  W. about 3 chs.  
distant; barn and sheds on E. side of road E. of house.

Continue along center of street bearing about N. and S.

45.60 Intersection of roads bearing N., S., E., and W.

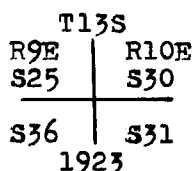
46.50 West side of small bridge over wash, 15 lks. wide, 5 ft.  
deep, draining SW.

80.53 Point of intersection of the center line (N. & S.) of  
Main street and the south side of the south street  
running E. and W. in Spring Glenn, Utah. This point  
is recognized by property owners and settlers in this  
vicinity as being the true cor. point and numerous  
settlers claim to have seen the original corner monument  
at this site. Deputy Surveyor Ferron in his field note  
record of the resurvey of this line in 1889 states,

"Old cor. lost. Set trachyte 18x16x12 ins. 12"  
"ins. in the ground for cor. of secs. 25, 30, 31,"  
"and 36 marked with 1 notch on S. and 5  
"notches on N. edges and raised a stone mound"  
"1  $\frac{1}{2}$  ft. high, 2 ft. base alongside."  
"This cor. falls at the intersection of the "  
"center of Main Street and the south side of"  
"south street of the town of Spring Glenn. "

I excavate over a large area but fail to find any evidence  
of the original monument; therefore, at this point

Set an iron post, 3 ft. long, 2 ins. in dia., 3 ft. under  
surface of road for cor. of secs. 25, 30, 31 and 36,  
with brass cap marked



## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

## Chains

Deposit glass and several pieces of iron at base of monument.

From cor. the cor. of fence bearing E. and S. on E. side of street bears E., 75 lks. distant and the cor. of a fence bearing W. and S. on the west side of street, bears W., 75 lks. distant.

Land, S.35.50 chs. low, broken mountains sloping and draining NW.; remainder of mile nearly level valley.

Soil, mountainous land gravelly and rocky of sandstone formation; 2nd. and 4th. rates; soil of valley, friable clay loam.

Timber, scrub cedar and pinon on S.33.40 chs.

Undergrowth, sagebrush.

Land in valley under cultivation.

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N.0°06'E., on true line bet. secs. 25 and 30.

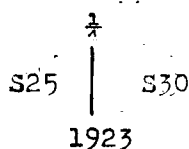
Over nearly level land in center of Main street of Spring Glenn, Utah. Numerous residences on both sides of street

- .55 Irrigation ditch across road, 10 lks. wide, course NW.
- .62 Intersection of N. and S. and E. and W. streets.
- 8.38 Intersection of N. and S. and E. and W. streets.
- 16.03 Intersection of N. and S. and E. and W. streets.
- 20.80 W. edge of bridge over wash, 60 lks. wide, 5 ft. deep, draining SW.
- 22.00 Dupont Mercantile Co., Spring Glenn, Utah, bears E.1 ch. distant.
- 23.95 Intersection of N. and S. and E. and W. streets.
- 31.52 Intersection of N. and S. and street running W.
- 38.60 The south side of the north street in Spring Glenn; the cor. of a fence bearing S. and W. bears W. 76 lks. distant and a fence running N. and S. bears E. 70 lks. distant.
- 39.80 Road, bears E. to Kenilworth and S.85°W. to Price and Helper, Utah.
- 40.15 Proportionate point.

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

## Chains

Set an iron post, 3 ft. long, 1 in. in dia., with top 6 ins. under surface of ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



Deposit glass at base of monument.

Cor. stands in N. side of road at N. end of Main Street of Spring Glenn, Utah at junction with road which bears E. to Kenilworth and westerly to Price and Helper, Utah. The cor. of fences which bear E., W. and N. bears N.  $12^{\circ}45'W.$ , 32 lks. distant.

- 40.46 Fence and enter cultivated land, bears E. and W.
- 48.25 Right-of-way fence and telegraph line, bears N.  $78^{\circ}10'W.$  and S.  $78^{\circ}10'E.$
- 49.00 D. & R.G. Ry. branch line to Kenilworth, Utah, bears N.  $78^{\circ}10'W.$  and S.  $78^{\circ}10'E.$  Switch, projecting southwesterly from branch line bears S.  $78^{\circ}10'E.$ , 50 lks. distant.
- 49.50 High tension power line, bears N.  $78^{\circ}10'W.$  and S.  $78^{\circ}10'E.$
- 49.80 Wire, right-of-way fence, bears N.  $78^{\circ}10'W.$  and S.  $78^{\circ}10'E.$   
Continue over cultivated land.
- 57.60 Wire fence, bears W., E. 3 lks. then N. 75 lks., then E. Small pond, bears W. about  $1\frac{1}{2}$  chs. and house W. about 6 chs. distant. Enter scrub timber and begin ascent over low foothills, leaving cultivated land.
- 60.60 W. point of low spur, 50 ft. above railroad, projects W.; gradually descend.
- 65.00 Small draw and stream, 3 lks. wide, 2 ins. deep, course SW.; ascend.
- 76.00 Ridge, 145 ft. above draw, bears E. and W.; from this point the Riverside Park Pool Hall, bears S.  $20^{\circ}W.$   
Descend over N. slope.
- 77.55 High tension power line, bears N.  $20^{\circ}E.$  and S.  $20^{\circ}W.$
- 80.30 The original cor. of secs. 19, 24, 25 and 30 which is a sandstone boulder in place, 5x4x2 ft. showing, marked with a cross on top and with 4 grooves N. and 2 grooves

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

## Chains

S. of cross; from which

A cedar (dead) 4 ins. diam., bears S.  $50^{\circ}$  E.,  $5\frac{1}{2}$  lks.  
dist., marked S30

A cedar, 5 ins. diam., bears N.  $64\frac{1}{2}^{\circ}$  W.,  $13\frac{1}{2}$  lks.  
dist., marked S24 BT

Alongside west edge of boulder or original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.  
in the ground for cor. of secs. 19, 24, 25 and 30, with  
brass cap marked

|      |      |
|------|------|
| T13S |      |
| R9E  | R10E |
| S24  | S19  |
| S25  | S30  |
| 1923 |      |

Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

No suitable bearing trees are available.

Land, nearly level valley and low, broken mountains.

Soil, in valley, brown clay loam; in mountains, blue  
clay and rocky of sandstone formation; 1st to 4th.  
rates.

Timber, scrub cedar and pinon on mountains.

Undergrowth, short sagebrush.

N.  $0^{\circ}47'$  E., on true line bet. secs. 19 and 24.

Descend N. slope over mountainous land through scrub  
timber.

2.00 Leave mountains and timber, bears E. and W. thence over  
rolling valley.

3.00 Wash, 15 lks. wide, 3 ft. deep, drains W.

21.40 Wash, 40 lks. wide, 5 ft. deep, drains SW.

22.65 Railroad "Y" bearing NW. and SW., the end of which bears  
SE. about 1 ch. distant.

23.81 The position of the original  $\frac{1}{2}$  sec. cor. bet. secs. 19  
and 24 which is a long iron bolt set even with the  
surface of the ground. Ex-county Surveyor Dunberry of  
Carbon County, Utah, states that this is the site of the  
original cor. and that he had visited the original cor.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

Chains

monument on different occasions; that the bolt was established at the position for the cor. prior to the date that the original monument became lost. Mr. Carl Nyman, present County Surveyor of Carbon County, Utah, states that to his knowledge the bolt has been recognised for a considerable length of time as being the position of the original cor. and he also has used it as such.

At site of bolt,

Set an iron post, 3 ft. long, 1 in. in dia., 36 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S24 | S19  
 1923

Deposit glass at base of monument.

The cor. monument was set 36 ins. in the ground for the reason that the cor. falls in the railroad yards of the D. & R.G. Ry. where railroad ties and other equipment are stored and if left extending out of ground it might become destroyed.

An old fence line extends easterly from the cor.

Continue N.0°47'E., with continuous measurement.

40.22 Spur, of D. & R.G. Ry.; bears NE. and SW.

The line north passes over the yards of the D. & R.G. Ry. striking buildings and tracks where considerable switching is being done; therefore to pass same, I offset as follows:

East, 6.50 chs. From the east point of offset line, School House in Helper, Ut. bears N.84°30'W. about 16.50 chs. distant. Post Office Helper, Utah, N.50°40'W. about 16.00 chs. distant. D. & R.G. Ry. station at Helper, Utah, N.20°W. about 26.00 chs. distant.

Thence, on offset

N.0°47'E. 40.73 chs. At 10.00 chs. on offset line Round house of R. & R.G. Ry. at Helper, Ut. bears W. 1 ch. distant.

Thence



## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

Chains

West, 6.50 chs. to true line on which at

80.95 Intersect the original position for the cor. of secs.

13, 18, 19 and 24, which is a large bolt, set even with the surface of the ground. This point is undisputably recognized as being the site of the original cor. and is located on the south side of the center of a street bearing E. and W. in Helper, Utah. From the information at hand it appears that the original cor. monument was removed when the street was constructed and the bolt set in lieu of the cor. stone.

At exact point of the iron bolt,

Set an iron post, 3 ft. long, 2 ins. in dia., 1 ft. under the surface of road for cor. of secs. 13, 18, 19 and 24 with brass cap marked

| T13S |      |
|------|------|
| R9E  | R10E |
| S13  | S18  |
| S24  | S19  |

1923

From cor. a switch on main line of D. &amp; R.G. Ry. bears

N. 72° 10' W., 1.73 chs. distant; another switch, bears

S. 43° 25' W., 2.05 chs. distant. The SE. cor. of a frame

house, bears N. 0° 31' W., 70 lks. distant and the NE.

cor. of same house bears N. 0° 31' W., 1.08 chs. distant.

Land, S. 2 chs. mountainous and remainder of mile rolling valley.

Soil, blue, friable clay; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon on S. 2.00 chs.

Undergrowth, short shadscale.

---

N. 0° 31' W., on true line bet. secs. 13 and 18.

Over rolling valley.

.05 Street in Helper, Utah, bears E. and W.

.40 Cement sidewalk, bears E. and W.

.45 Fence, bears E. and W.

.70 SE. cor. of frame house.

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 13 S. R. 9 E.

## Chains.

- 1.08 NE.corner of frame house.
- 11.15 Fence, bears E. and W.
- 13.10 Power line, bears NW., SE about 301ks, thence S.
- 21.10 Road, bears E. and W.
- 26.70 Wash, 15 lks.wide, 5 ft.deep, drains SW.
- 30.50 Base of mountain and leave valley bears NE. and SW.;  
ascend over rugged S. slope strewn with sandstone  
boulders.
- 31.45 Power line, bears E. and W.
- 33.25 The NW.cor.of a fence bearing E. and S., bears E. 51  
lks.dist.
- 40.52 Proportionate point,  
Set an iron post 3 ft.long, 1 in.in dia., 10 ins.in  
the ground on solid rock and 20 ins.in a large mound  
of stone for  $\frac{1}{4}$  sec.cor., with brass cap marked

$\frac{1}{4}$   
 S13 | S18  
 1923

Other accessories impracticable.

Corner stands on rugged S. talus slope 250 ft. above  
section corner.

The line north ascends high ledges and breaks of mountain  
impossible to chain; thence by triangulation from the  
cor.of secs.13,18,19, and 24.

- 56.06 Top of high mountain ridge spur, also break of mountain  
1125 ft. above sec.cor. bears N. 30° E. and W.

Gradually descend NW. slope through pine timber.

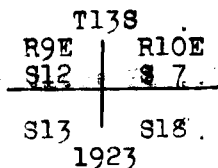
- 62.50 Begin abrupt descent over NW. slope, bears NE. and SW.
- 71.85 Canyon, 330 ft. below spur, drains S. 70° W. Dense oak  
brush in canyon; leave pine timber, bears E. and W. ;  
enter cedar and pinon timber. Ascend abruptly 275 ft.  
over S. slope to

- 81.04 Proportionate point,  
Set an iron post, 3 ft.long, 2 ins.in dia., 26 ins.in  
the ground for cor.of secs.7, 12, 13, and 18, with

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF THE 13<sup>th</sup> SEC.

Chains.

brass cap marked



from which

A pinon, 6 ins.diam., bears N.  $74^{\circ}$  E. 48 lks.  
dist. marked T 13 S R 10 E S 7 B T

A cedar, 12 ins.diam. bears S.  $82^{\circ}$  45' E. 70  
lks.dist., marked T 13 S R 10 E S 18 B T

A pinon, 8 ins.diam. bears S.  $34^{\circ}$  W. 24 lks.  
dist., marked T 13 S R 9 E S 13 B T

A cedar 14 ins.diam., bears N.  $57^{\circ}$  45' W. 28 lks  
dist., marked T 13 S R 9 E S 12 B T

Corner stands on gentle S. slope near top of a high  
ridge bearing E. and N.  $75^{\circ}$  W.

Land, S. 30.50 chs. rolling valley; remainder of mile  
rough mountains. General S. exposure and drainage.

Soil, brown and blue clay, and rocky of sandstone for-  
mation; 2d and 4th rates.

Timber, scrub cedar and pinon and pine.

Undergrowth, shadscale and oak brush.

N.  $0^{\circ}$  31' W. on true line bet. secs. 7 and 12,

Ascend over rough mountainous land; through medium  
growth of timber and scattering undergrowth.

.95 Top of high ridge bears N.  $75^{\circ}$  W. and E. The line north  
passes over precipitous slopes and ledges on breaks of  
Panther Canyon.

38.28 Point on N. slope near bottom of Panther Canyon.  
Descend abruptly.

40.34 Point for  $\frac{1}{4}$  sec.cor. will fall on slope of wash where  
it would be washed away; therefore at this point  
Set an iron post 3 ft. long, 1 in.in dia., 26 ins.in the  
ground for witness corner to the  $\frac{1}{4}$  sec.cor. with brass  
cap marked

Helper Utah

RECEIVED

AUG 23 1937

U.S. Department of Interior  
Public Survey Office  
Salt Lake City, Utah

q Helper Underpass

Wash

← R.P. Hub & Marker

R.P. Hub & Marker

252

TWP. 13 SO. Rg. 9 East SLBM  
TWP. 13 SO. Rg. 10 East SLBM

18 19

Janet st.

X in concrete  
wall, sewer  
Manhole

q D & R G W  
East Bound

348'

q F.A.P. 24-A  
U.S. Highway #50

Hub & Marker on  
Hill back of  
Helper City  
Auditorium

# DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 13 S. R. 9 E.

Chains.

W C  
|  
S 12 S 7  
|  
1923

from which

A pinon, 6 ins.diam., bears S.  $69\frac{1}{2}^{\circ}$  E. 7 lks.  
dist., marked W C  $\frac{1}{4}$  S 7 B T

A pinon, 7 ins.diam., bears N.  $31^{\circ}$  W. 28 lks.  
dist., marked W C  $\frac{1}{4}$  S 12 B T

Corner stands on steep N. slope of mountain.

40.52 Proportionate point for the  $\frac{1}{4}$  sec.cor.falls on steep  
bank and an unsafe place to set corner.

44.25 Bottom of Panther Canyon and wash, 25 lks.wide, 20 ft.  
deep, 1125 ft.below ridge drains S.  $70^{\circ}$  W.; thence  
by triangulation over ledges on S. face of canyon.

56.06 Top of ledges on N.side of canyon, 500 ft. above bottom  
of canyon, bears E. and W. Ascend 250 ft. over S. and  
SE.slopes to

80.00 High mountain ridge, bears N.  $40^{\circ}$  E. and S.  $60^{\circ}$  W.  
Descend.

81.04 The original corner of secs.1,6,7, and 12, which is a  
sandstone  $34 \times 12 \times 6$  ins., set in a mound of stone,  
marked with 5 notches on S. and 1 notch on N.edge.  
No accessories to corner.

Set an iron post, 3 ft.long, 2 ins.in dia., 20 ins.in  
the ground on solid rock and in a mound of stone and  
stand original corner alongside, for cor.of secs.1,6,  
7 and 12, with brass cap marked

T13S  
R9E | R10E  
S 1 | S 6  
---|---  
S12 | S 7  
1923

from which

A cedar, 7 ins.diam. bears N.  $75\frac{1}{2}^{\circ}$  E. 77 lks.  
dist., marked T 13 S R10 E S 6 B T

A cedar, 10 ins.diam., bears N.  $27^{\circ}$  W. 167 lks.

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 13 S. R. 9 W. S. 1 B T

Chains.

dist., marked T 13 S R 9 W S 1 B T

No other bearing trees are available, and other access-  
ories are impracticable.

Land, rough mountainous.

Soil, brown clay loam, shale, and rock; sandstone for-  
mation; 2d and 4th rates.

Timber, cedar, pine and scattering pine.

Undergrowth, sagebrush, scattering oak and service  
berry brush.

N. 0° 00' E. on true line bet. secs. 1 and 6,

Descend NW. slope over rough mountainous land; through  
medium growth of timber and scattering undergrowth.

10.10 Bottom of draw or head of canyon, 200 ft. below sec. cor-  
drains W.; ascend.

13.30 Spur, 100 ft. above draw, projects S. 75° W.; descend  
NW. slope.

16.90 Bottom of draw or head of canyon, 65 ft. below spur,  
drains SW.; ascend SW. slope.

29.00 High ridge and divide between Price River Canyon and  
Willow Creek Canyon, 220 ft. above draw, bears N. 60° W.  
SE about 20 chs.; then SW.; leave dense timber and de-  
scend abruptly over steep NE. slope 500 ft. to

40.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 1  $\frac{1}{4}$  S 6  
1923

from which

A pine 20 ins. diam. bears N. 30° W. 15 lks.  
lks. dist., marked  $\frac{1}{4}$  S 1 B T

No other suitable bearing trees are available.

Raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.

Corner stands on steep NE. slope on edge of steep, rocky  
draw at the proportionate point between sec. corners.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

| Chains |   |
|--------|---|
| 42.60  | Steep, rocky draw, drains N.80°E.; ascend abruptly.   |
| 45.70  | Spur, projects E. about 5 chs. to canyon; descend abruptly NE. slope.   |
| 49.30  | Coal outcroppings extend NW. and SE. along mountain side.   |
| 53.10  | Canyon, 380 ft. below spur, drains NW.; indications of coal extend SE. in bottom of canyon. Ascend SW. slope.   |
| 55.80  | Ledge, 20 ft. high, bears NW. and SE.   |
| 57.34  | From this point, E. edge of row of 4 houses on N. side of Willow Creek Canyon, bears N.4° 10'W.; SE. cor. of west house in above row, bears N.20°15'W.; prominent point of rock projecting S. near mouth of Willow Creek Canyon, bears S.74°30'W.; Tunnel for railroad (electric) leading from Castlegate No. 2 Mine to tippie, bears N.76°30'W.; the north one of row of houses on S. side of Willow Creek, bears N.42°10'W.; the south house in row, bears S.82°45'W.; sixteen houses extend north-westerly in Willow Creek Canyon from the south house in row. |
| 61.60  | High tension power line, bears N.70°E. and S.70°W.  |
| 65.40  | From this point; E. edge of row of houses on N. side of Willow Creek Canyon, bears N.8°20'W.; the SE. cor. of W. house in above row, bears N.47°30'W.; point of rock, bears S.61°15'W.; tunnel, bears S.77°26'W.; north one of row of houses on S. side Willow Creek, bears S.39° 45'W.; the south house, bears S.43°30'W.  |
| 65.50  | Rocky point, projects N.30°W. about 4 chs. distant.   |
| 68.65  | Enter bottom of Willow Creek Canyon and state highway from Price and Helper, Utah to Duchesne, Utah, bears N.75°E. and S.75°W. Road circles point of spur about 2 chs. W.   |
| 69.15  | Branch power line, bears N.75°E. and S.75°W.  |
| 70.30  | Willow Creek, 10 lks. wide, 8 ins. deep, in wash 80 lks. wide, 15 ft. deep, 100 ft. below point, course W. about 2 chs., then S.30°W. Continue across canyon.   |
| 73.40  | Center of Double track electric Ry. of Utah Fuel Co.,   |

# DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.13 S., R.9 E.

Chains from Castlegate No.2 Mine to tipple, bears NE. and SW. leave canyon and ascend abruptly over S. slope, bears NE. and SW.

74.60 Road, bears N.75°E. and S.75°W.

75.00 Enter medium growth of timber, bears E. and W.

80.00 The original cor. of Tps. 12 and 13 S., Rs. 9 and 10 E. described in book "A" of the resurvey of T.12 S., R.10 E., this group.

Land, rough mountainous.

Soil, brown loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, cedar, pinon and scattering pine.

Undergrowth, sage, scattering service berry brush and tall mountain grass.

## RETRACEMENT OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

From the original cor. of Tps. 13 and 14 S., Rs. 9 and 10 E., heretofore described.

West, on retracement line bet. secs. 1 and 36.

40.24 Fall 19 lks. N. of the point for the original  $\frac{1}{4}$  sec. cor. hereinafter described.

The bearing of this half mile therefore is S.89°44'W., and the distance is 40.24 chs.

From point 19 lks. N. of  $\frac{1}{4}$  sec. cor., continue West

80.16 Fall 19 lks. S. of the original cor. of secs. 1,2,35 and 36 hereinafter described.

The bearing of this half mile therefore is N.89°27'W., and the distance is 39.92 chs.

From the original cor. of secs. 1,2,35 and 36.

West, on retracement line bet. secs. 2 and 35.

40.18 Fall 4 lks. N. of the original  $\frac{1}{4}$  sec. cor. hereinafter described.



DEPENDENT RESURVEY OF T.13 S., R.9 E.

|        |   |
|--------|---|
| Chains |   |
| 80.35  | <p>The bearing of this half mile therefore is S.89°57'W., and the distance is 40.18 chs.</p> <p>From the <math>\frac{1}{4}</math> sec. cor., west, with continuous measurement.</p> <p>Fall 7 lks. S. of the original cor. of secs. 2,3,34 and 35 hereinafter described.</p> <p>The bearing of this half mile therefore is N.89°54'W., and the distance is 40.17 chs.</p> <p>From the original cor. of secs. 2,3,34 and 35.</p> <p>West, on retracement line bet. secs. 3 and 34.</p> |
| 40.00  | No trace of the $\frac{1}{4}$ sec. cor. can be found.   |
| 80.42  | <p>Fall 16 lks. S. of the original cor. of secs. 3,4,33 and 34 hereinafter described.</p> <p>The bearing of this mile therefore is N.89°53'W. and proportionate distance for each half is 40.21 chs.</p> <p>From the original cor. of secs. 3,4,33 and 34.</p> <p>N.89°51'W., on retracement line bet. secs. 4 and 33.</p>  |
| 40.11  | <p>Fall 2 lks. S. of the original <math>\frac{1}{4}</math> sec. cor. hereinafter described.</p> <p>The bearing of this half mile therefore is N.89°49'W., and the distance is 40.11 chs.</p> <p>From point 2 lks. S. of the <math>\frac{1}{4}</math> sec. cor. continue N.89°51'W.</p>  |
| 80.48  | <p>Fall 12 lks. S. of the original cor. of secs. 4,5,32 and 33, hereinafter described.</p> <p>The bearing of this half mile therefore is N.89°42'W., and the distance is 40.37 chs.</p> <p>From the original cor. of secs. 4,5,32 and 33.</p> <p>N.89°51'W., on retracement line bet. secs. 5 and 32.</p>   |
| 40.09  | <p>Fall 38 lks. N. of the reestablished <math>\frac{1}{4}</math> sec. cor. bet. secs. 5 and 32 hereinafter described.</p> <p>The bearing of this half mile therefore is S.89°36'W., and the distance is 40.09 chs.</p> <p>From point 38 lks. N. of <math>\frac{1}{4}</math> sec. cor., continue N.89°51'W.</p>  |
| 80.09  | <p>Fall 82 lks. N. of the original cor. of secs. 5,6,31, and 32 hereinafter described.</p>  |

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

Chains

The bearing of this half mile therefore is S.89°31'W.,

and the distance is 40.00 chs.

From the original cor. of secs. 5, 6, 31, and 32.

N.89°51'W., on retracement line bet. secs. 6 and 31.

39.80 Fall 26 lks. N. of the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 6 and 31 hereinafter described.

The bearing of this half mile therefore is S.89°47'W.,

and the distance is 39.80 chs.

From point 26 lks. N. of the  $\frac{1}{4}$  sec. cor., continue

N.89°51'W.

78.62 Fall 58 lks. N. of the original cor. of Tps. 13 and 14 S.,

Rs. 8 and 9 E. hereinafter described.

The bearing of this half mile therefore is S.89°41'W.,

and the distance is 38.82 chs.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

REESTABLISHMENT OF THE SURVEYS EXECUTED  
BY AUGUSTUS D. FERRON, U.S. DEPUTY  
SURVEYOR in 1880 and 1890

From the original cor. of Tps. 13 and 14 S., Rs. 9 and 10 E. heretofore described.

S.89°44'W., on true line bet. secs. 1 and 36.

Over broken bench land sloping N. through dense scrub timber and scattering undergrowth.

.33 High tension power line, bears N. and S.

3.00 Wash, 20 lks. wide, 3 ft. deep, drains NW.

12.10 Wash, 20 lks. wide, 3 ft. deep, drains NW.

15.70 Leave timber and begin abrupt descent over SE. slope bears NW. and SE.

16.60 Top of ledge and brink of bench, bears SE., NW. about 8 chs. thence NE.

18.70 Western Union Telegraph Line, bears NW. and SE.

21.83 D. & R. Ry. Main Line track, bears NW. and SE.; road enters cut in point of bench about 2 chs. NW.

24.10 D. & R. G. Ry. right-of-way fence, bears NW. and SE.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

Chains

- 24.63 Power line, bears NW. and SE.
- 27.55 State highway (concrete) bears N.70°W. to Helper and S.70°E. to Price, Utah; road goes through cut in point of bench and makes a sharp turn to the NE. about 5 chs. N.70°W.
- 30.00 Canal, 25 lks. wide, 6 ft. deep, course SE. and enter bottom lands of Price River, bears N.70°W. and S.70°E.
- 40.24 Point for the original 1<sup>st</sup> sec. cor. bet. secs. 1 and 36 as identified from a tie furnished me by the County Surveyor's Office, Carbon County, Utah; said tie being S.43°26'W., 4.00 chs. distant from a bench mark alongside state highway and established by the County Surveyor when the original cor. was in place. The original cor. monument has since been lost but the position for the cor. as determined from the tie agrees with the original record and cor. stands at the N. end of an old fence line extending S.
- At site of original cor.,
- Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1<sup>st</sup> sec. cor., with brass cap marked
- $$\frac{1}{4} \frac{336}{S1}$$

1923
- Deposit glass and iron at base of monument.
- Thence
- N.89°27'W., with continuous measurement.
- 42.84 Old county road, bears N. and S.; N. about 3 chs. distant is the west point of spur from bench and the intake for canal.
- 49.70 Price river, 75 lks. wide, 1 ft. deep, swift current, course SE. about 3 chs. thence E.; dense timber and undergrowth along river bank. Ascend abruptly from river bottom,
- 54.60 Top of ledge and brink of bench, bears N. and S.; enter scrub timber.
- 58.50 Spur, on bench, projects SE.; thence along general S. slope.

# DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9

## Chains

64.20 Draw, drains S.80°E.; gradually ascend.

66.60 Timber becomes very scattering, bears N. and S.

73.30 Low rise, bears N. and S.

80.16 The original cor. of secs. 1,2,35 and 36, which is a sandstone, 20x12x5 ins., lying on the ground in a small mound of stone, marked with 1 notch on one and 5 notches on opposite edge.

Reset stone 15 ins. in the ground, marked with 1 notch on E. and 5 notches on W. edge; alongside of which, Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 1,2,35 and 36, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S35  | S36 |
| S2   | S1  |
| T14S |     |
| 1923 |     |

from which

A cedar, 14 ins.diam.,bears S.57°E., 124 lks.

dist.,marked T 14 S R 9 E S 1 B T

No other bearing trees available.

Deposit glass at base of monument.

Land, broken bench land and river bottom.

Soil, on bench shallow loam and rocky; 2nd. and 4th.

rates; soil in river bottom, rich loam.

Timber, scrub cedar and pinon on benches and scattering cottonwood along Price River.

Undergrowth, 'shadscale and greasewood.

S.89°57'W., on true line bet. secs. 2 and 35.

Along fence line bearing nearly E. and W. over rolling land sloping N. through sagebrush undergrowth.

31.10 Wash, 10 lks. wide, 3 ft. deep, drains N.

36.00 Enter scattering timber, bears NW. and SE.

39.10 W. end of fence line, bears S. about 40 lks. distant.

40.18 The original  $\frac{1}{2}$  sec. cor. which is a soft sandstone, 16x12x6 ins., lying on the ground in small, old mound

# DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

Chains

of earth, marked dimly  $\frac{1}{4}$  on one face; no accessories  
to cor.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground and stand original cor. alongside for  $\frac{1}{4}$   
sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S35}{S2}$   
1923

from which

A pinon, 14 ins.diam., bears N.47 $\frac{1}{2}$ °W., 144 lks.  
dist., marked  $\frac{1}{4}$  S 35 B T

A pinon, 14 ins.diam., bears S.65 $\frac{3}{4}$ °W., 81 lks.  
dist., marked  $\frac{1}{4}$  S 2 B T

Deposit broken brown glass at base of post.

Thence

N.89°54'W., with continuous measurement.

- 42.75 Low, clay spur, projects N.
- 51.85 Leave timber, bears NE. and SW.
- 56.00 Low rise, bears NW. and SE.
- 57.90 Road, bears NE. 50 lks. to main road and SE. to ranch.
- 62.15 Main road, bears N.80°E. and W.; thence in road.
- 67.70 Leave road, bears S.80°W.
- 80.35 The original cor. of secs. 2,3,34 and 35, which is a  
sandstone, 16x8x8 ins., firmly set in an old, deeply  
embedded mound of stone, marked with 2 notches on E.  
and 4 notches on W. edge; no accessories to cor.

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
the ground and stand original monument alongside for  
cor. of secs. 2,3,34 and 35, with brass cap marked

T13S | R9E  
S34 | S35  
---  
S3 | S2  
T14S  
1923

from which

A cedar, 6 ins.diam., bears S.37 $\frac{1}{4}$ °W., 460 lks.  
dist., marked T 14 S R 9 E S 3 B T

No other bearing trees available.

Deposit a broken white glass bottle at base of monument.  
Land, rolling; drains N. on E. 56.00 chs. and S. on  
remainder of mile.

Soil, brown sandy clay loam streaked with rock of sand-  
stone formation.

Timber, scattering patches of scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

N. 89° 53' W., on true line bet. secs. 3 and 34.

Over rolling bench land through very scattering scrub  
timber and sagebrush and shadscale undergrowth.

16.00 Leave timber, bears N. and S.

23.10 Mouth of wash, spreads and drains SE.

27.00 Point for  $\frac{1}{2}$  sec. cor. will fall in large wash where cor.  
would be washed away, therefore at this point,  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for witness cor. to the  $\frac{1}{2}$  sec. cor., with  
brass cap marked

|                  |      |
|------------------|------|
| WC $\frac{1}{2}$ | S34  |
|                  | S3   |
|                  | 1923 |

Deposit a sandstone, 14x8x4 ins., marked with a cross  
(X) on one face at base of monument.

28.66 Bank, 10 ft. high and enter channel of wash, bears N.  
75° W. and SE.

39.86 Center of wash, drains SE.

40.21 Proportionate point for  $\frac{1}{2}$  sec. cor. falls in wash.

40.75 Leave wash, bears N. 75° W. and SE.; thence over ground  
subject to overflow.

48.55 Power line, bears N. 10° E. and S. 10° W.

57.80 Old road, bears N. 10° W. and S. 10° E.

80.42 The original cor. of secs. 3, 4, 33 and 34 which is a  
cedar stake, 4 ins. in dia., 18 ins. above ground,  
firmly set, marked with 3 grooves on E. and 3 grooves  
on W. face; alongside of which is,  
An iron post, 3 ins. in dia., extending 12 ins. above

Chains

ground, firmly set, with brass cap marked

|     |      |     |
|-----|------|-----|
|     | T13S |     |
|     | R9E  |     |
| S33 |      | S34 |
| S4  |      | S3  |
|     | T14S |     |
|     | R9E  |     |

Cor. witnessed by traces of 4 pits, NE., SE., SW. and NW.  
of cor.

Old road bearing N.75°W. and S.75°E. is approximately  
25 lks. S. of cor.; Wildcat siding on the Utah Railway,  
bears N.55°21'W., about 43.50 chs. distant.

The iron post cor. was established alongside the original  
cor. monument in 1910 by Clarence S. Jarvis, U. S.  
deputy surveyor during his survey of T.14 S., R.9 E.

Land, rolling.

Soil, brown, friable clay streaked with rock of sandstone  
formation.

Timber, a few scattering cedar and pinon.

Undergrowth, sagebrush, shadscale and greasewood.

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REESTABLISHMENT OF THE SURVEYS EXECUTED  
BY AUGUSTUS D. FERRON, U. S. DEPUTY SURVEYOR  
IN 1880 AND SUBSEQUENTLY RESURVEYED BY CLARENCE  
S. JARVIS, U. S. DEPUTY SURVEYOR IN 1910.

N.89°49'W., on true line bet. secs. 4 and 33.

Over rolling bench land through short undergrowth.

1.60 Old road, bears NW. and SE.

7.00 Wash, 10 lks. wide, 3 ft. deep, drains SE.

28.30 Old road, bears NE. and SW.

40.11 The original  $\frac{1}{4}$  sec. cor., which is a cedar stake, 3 ins.  
square, extending 16 ins. above ground, firmly set,  
marked  $\frac{1}{4}$ S on N. face, alongside of which is,

An iron post, 1 in. in dia., extending 12 ins. above  
ground firmly set, marked on brass cap

$\frac{1}{4}$  S33  
S4

# DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T. 14 S., R. 9 E.

Chains

and witnessed by pits, E. and W. of cor. 3 ft. distant  
and a small mound of earth N. of cor.

I deface the marks on the iron post pertaining to sec. 4  
Thence

N.  $89^{\circ}42'W.$ , with continuous measurement.

42.20 Old road, bears N.  $13\frac{1}{2}^{\circ}E.$  and S.  $13\frac{1}{2}^{\circ}W.$

42.74 Utah Railway right-of-way fence, bears N.  $13^{\circ}28'E.$  and  
S.  $13^{\circ}28'W.$

43.37 Telegraph line, bears N.  $13^{\circ}28'E.$  and S.  $13^{\circ}28'W.$

44.30 Center Utah Railway track, bears N.  $13^{\circ}28'E.$  and S.  $13^{\circ}28'W.$

45.86 Utah Railway right-of-way fence, bears N.  $13^{\circ}28'E.$  and  
S.  $13^{\circ}28'W.$

56.10 Enter scrub cedar and pinon timber, bears N. and S.

59.70 Draw, heads about 7 chs. SW. and drains NE.

64.10 Low ridge, bears S., about 8 chs., then E. and N.

79.45 The closing cor. of secs. 4 and 5, T. 14 S., R. 9 E. which  
is an iron post, 2 ins. in dia., extending 12 ins.  
above ground, firmly set, with brass cap marked

T13SR9E

|         |     |
|---------|-----|
| S32     | S33 |
| C C     |     |
| S5      | S4  |
| T14SR9E |     |

from which

A pinon, 7 ins. diam., bears S.  $36\frac{1}{2}^{\circ}E.$ , 94 lks.  
dist., marked C C T 14 S R 9 E S 4 B T

A pinon, 6 ins. diam., bears S.  $25\frac{3}{4}^{\circ}W.$ , 36 lks.  
dist., marked C C T 14 S R 9 E S 5 B T

80.48 The original cor. of secs. 4, 5, 32 and 33, which is a  
sandstone, 15x9x5 ins., firmly set in the ground and  
mound of stone, marked with 4 notches on E. and 2  
notches on W. edge; no accessories to cor.

Alongside cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins.  
in the ground for cor. of secs. 32 and 33, T. 13 S.,  
R. 9 E., with brass cap marked



DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

Chains

|      |     |
|------|-----|
| T13S | R9E |
| S32  | S33 |

S5  
T14S  
1924

from which

A cedar, 8 ins.diam., bears N.68°E., 65 lks.

dist., marked T 13 S R 9 E S 33 B T

A pinon, 10 ins.diam., bears N.31½°W., 68 lks.

dist., marked T 13 S R 9 E S 32 B T

Land, rolling and broken benches.

Soil, brown, friable clay and gravelly.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

S.89°36'W., on true line bet. secs. 5 and 32.

Over rough, broken bench land through medium growth of timber and scattering undergrowth.

1.90 Draw, 50 ft. below cor., drains SW.; ascend 50 ft. to

4.80 Spur, projects SW. about 4 chs. distant; descend.

18.00 Wash, 50 lks. wide, 5 ft. deep, in large draw, 80 ft. below spur, drains SE.; ascend.

33.90 Begin abrupt ascent E. slope of bench over ledges and boulders.

39.10 Brink of bench, 150 ft. above draw, bears NW. and SE.; gradually ascend.

40.09 The ¼ sec. cor. bet. secs. 5 and 32 reestablished by Clarence S. Jarvis in 1910 which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, with brass cap marked

S32½  
S5

from which

A pinon, 8 ins.diam., bears N.8½°E., 63 lks.

dist., marked ¼ S 32 B T

A pinon, 7 ins.diam., bears S.14½°E., 47 lks.

dist., marked ¼ S 5 B T

I deface the marks on post pertaining to sec. 5; also

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

Chains

deface the bearing tree in sec. 5 and take a new tree in sec. 32 as follows:

A pinon, 7 ins.diam., bears N.31°W., 43 lks.  
dist., marked  $\frac{1}{2}$  S 32 B T

Thence

S.89°31'W., with continuous measurement.

45.20 Ridge, 45 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.;  
gradually descend.

53.90 Top of ledge and brink of bench, bears NW. and SE.;  
descend abruptly over ledges.

57.60 Ravine, 180 ft. below ridge, drains SE.; ascend abruptly  
over ledges and boulders.

63.00 Top of ledge and brink of bench, bears N. and S.;  
gradually ascend.

69.60 Ridge, 270 ft. above ravine, bears NW. and SE.; gradually  
descend W. slope.

79.10 The closing cor. of secs. 5 and 6, T.14 S., R.9 E., which  
is an iron post, 2 ins. in dia., extending 12 ins.  
above ground, firmly set, with brass cap marked

|      |      |
|------|------|
| T13S | R9E  |
| S31  | S32  |
| C C  |      |
| S6.  | S5   |
| R9E  | T14S |

from which

A cedar, 16 ins.diam., bears S.62°E., 63 lks.  
dist., marked C C T 14 S R 9 E S 5 B T

A pinon, 14 ins.diam., bears S.79°W., 126 lks.  
dist., marked C C T 14 S R 9 E S 6 B T

80.09 The original cor. of secs. 5, 6, 31 and 32 as reconstructed  
by Clarence S. Jarvis, U. S. deputy surveyor in 1910,  
which is an iron post, 3 ins. in dia., extending 14 in  
above ground, firmly set, with brass cap marked

|      |      |
|------|------|
| T13S | R9E  |
| S31  | S32  |
| C C  |      |
| .26  | S5   |
| R9E  | T14S |

from which

## Z. P. H. DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF T.13 S., R.9 E.

## Chains

A pinon, 10 ins.diam., bears N.80 $\frac{1}{2}$ °E., 42 lks.

dist., marked T 13 S R 9 E S 32 B T

A cedar, 10 ins.diam., bears N.68 $\frac{1}{2}$ °W., 40 lks.

dist., marked T 13 S R 9 E S 31 B T

Land, rough and broken benches; general SE. exposure and drainage.

Soil, brown clay loam and rocky of sandstone formation.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

S.89°47'W., on true line bet. secs. 6 and 31.

Gradually descend over broken bench land through scrub timber and short undergrowth.

2.20 Old road, bears NW. and SE.

12.50 Top of ledge and brink of bench, bears NW. and SE.; begin abrupt descent over ledges and boulders.

22.00 Bottom of ravine and small stream of alkaline water, 250 ft. below sec. cor., course SE.; ascend abruptly.

25.60 National Coal Railroad, now under construction, bears NW. and SE.

32.10 Top of ledge and W. rim of ravine, also brink of bench, bears NW. and SE.; gradually ascend.

39.80 The 1 sec. cor. bet. secs. 6 and 31, as reestablished by Clarence S. Jarvis, U.S. Deputy Surveyor, in 1910, which is an iron post, 1 in. in dia., extending 12 ins. above ground, firmly set, with brass cap marked

$\frac{S31 \frac{1}{2}}{S6}$

from which

A pinon, 14 ins.diam., bears N.78°E., 76 lks.

dist., marked  $\frac{1}{2}$  S 31 B T

A pinon, 5 ins.diam., bears S.59°E., 49 lks.

dist., marked  $\frac{1}{2}$  S 6 B T

As this cor. refers to sec. 31 only, I destroy all marks on the post pertaining to sec. 6 and destroy marks on

the bearing tree in sec. 6; also mark a new bearing

Chai ns

in sec. 31 as follows:

A cedar, 5 ins.diam., bears N. W., 108 lks.  
distant, marked BT only.

Thence

S.89°41'W.. with continuous measurement.

- 57.30 Old road, bears SE., NW. about 2 chs., thence NS.  
62.00 Low broad ridge, 275 ft. above ravine; bears NW. and SE.  
65.60 Old road, bears NW. and SE.  
75.53 The closing cor. of T.14 S., Rs. 8 and 9 E., which is  
an iron post, 3 ins. diam., extending 12 ins. above  
ground, firmly set, with brass cap marked

|      |        |
|------|--------|
| T13S |        |
| R8E  | R9E    |
| S36  | CC S31 |

|      |     |
|------|-----|
| S1   | S6  |
| R8E  | R9E |
| T14S |     |

from which

A cedar, 6 ins.diam., bears S.92°E., 30 lks.

dist., marked CC T14S R9E S6 BT

A cedar, 6 ins.diam., bears S.62°W., 91 lks.

dist., marked CC T14S R8E S1 BT

- 78.62 The original cor. of Tps. 13 and 14 S., Rs. 8 and 9 E.

heretofore described in the field notes of the resurvey  
of T.13 S., R.8 E., this group.

This Tp. cor. now refers to T.13 S., Rs. 8 and 9 E. only.

Land, rough and broken benches; general SE. exposure and  
drainage.

Soil, brown friable clay and rocky of sandstone form-  
ation; 2nd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

NOTE: No dates were placed on any of the iron post cors.  
established on the boundary by Deputy Surveyor Jarvis.

RETRACEMENT OF A PORTION OF THE NORTH  
BOUNDARY OF T.13 S., R.9 E.

Random lines.

## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T.13 S., R.9 E.

Chains

E., described in the field notes of the resurvey of T.12 S., R.10 E., book "A", this group.

West, bet. secs. 1 and 36

39.00 No trace of the witness cor. to the  $\frac{1}{2}$  sec. cor. can be found.

67.19 Fall 62 lks. S. of the point for the witness cor. to the  $\frac{1}{2}$  sec. cor. hereinafter described.

The bearing of the line connecting the witness cor. and the Tp. cor. therefore is N.89°28'W., and the proportionate distance to the  $\frac{1}{2}$  sec. cor. counted from the Tp. cor. is 39.56 chs.

From point 62 lks. S. of the witness cor. to the  $\frac{1}{2}$  sec. cor. West.

12.06 (Record) No trace of the cor. of secs. 1, 2, 35, and 36 can be found. Set temp. sec. cor. 62 lks. N.

From temp. cor. of secs. 1, 2, 35, and 36.

West, bet. secs. 2 and 35.

40.00 No trace of the original  $\frac{1}{2}$  sec. cor. can be found.

The line west ascends high ledge point over which it is impracticable to chain; therefore, I triangulate as follows:

Set flag "A" on line west and return to a point 11.23 chs.

E. of the temp. cor. of secs.

1, 2, 35, and 36 which I designate "B" and measure base line N.37°45'W., 16.36 chs. to point "C"; thence

N. 31°45'W., 14.40 chs. to point "D". By computation

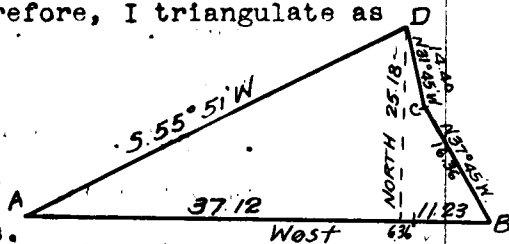
point "D" is 25.18 chs. North and 6.36 chs. west of the temp. cor. of secs. 1, 2, 35, and 36. The line "DA" bears S.55°51'W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation from point 6.36 chs. W. of the temp. cor. of secs. 1, 2, 35, and 36 to "A" = 37.12 chs.

Total distance on line bet. secs. 2 and 35 to "A" =

43.48 Thence west by direct measurement.

80.29 Fall 9 lks. N. of the cor. of secs. 2, 3, 34, and 35 hereinafter described.



## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T.13 S., R.9 E.

Chains

The bearing of this mile therefore is  $S.89^{\circ}56'W.$ , and the proportionate distance for each half mile is 40.11 chs.

REESTABLISHMENT OF THE SURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.13 S., R.9 E., EXECUTED BY AUGUSTUS D. FERRON, U.S. DEPUTY SURVEYOR IN 1881

## True lines

From the reconstructed original cor. of Tps. 12 and 13 S.,

Rs. 9 and 10 E. heretofore described

$N.89^{\circ}28'W.$ , bet. secs. 1 and 36.

Ascend abruptly over rough mountainous land through medium growth of timber and scattered undergrowth.

7.80 Spur, 205 ft. above sec. cor., projects S.; descend abruptly SW. slope over sandstone ledges.

13.50 Ravine, 225 ft. below spur, drains  $S.20^{\circ}W.$ , ascend abruptly over ledges and steep slopes.

28.00 Spur, 525 ft. above ravine, projects  $S.15^{\circ}W.$ ; from this point, point of spur rimmed with ledges on S. side of Price River Canyon around which the D. & R.G. Ry. passes, bears  $S.36^{\circ}45'W.$ ; bridge across Price River at N. end of paved highway bet. Price and Castlegate, Utah, bears  $S.43^{\circ}25'W.$ ; point of rocks or spur on N. side of Price River in bottom of Canyon, bears  $S.45^{\circ}45'W.$  about 40 chs. distant.; descend over W. and SW. slopes.

30.37 Entry to Castlegate No. 1 Coal Mine, bears  $S.80^{\circ}35'W.$ ; begin steep descent.

39.56 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for sec. cor., with brass cap marked

S36

S1

1923

from which

A large sandstone boulder, marked X BO S1,

bears  $S.65^{\circ}E.$ , 69 lks. distant

A large sandstone boulder, marked X BO S36,

## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T.13 S., R.9 E.

## Chains

bears N.  $81^{\circ}$  W., 36.1 kts. distant.

Note: The regulation 1 inch. iron post was not available.

Cor. stands on N. side of shallow draw draining SW.; from cor., the point of rocks on S. side of Price River Canyon around which the D. & R.G. Ry. passes, bears S.  $21^{\circ}45'$  W.; bridge over Price River at N. end of paved highway, bears S.  $30^{\circ}30'$  W.

44.80 Leave timber, bears N. and S.

55.00 Ravine, 260 ft. below 1<sup>st</sup> sec. cor. and 625 ft. below spur, drains SW.; ascend.

58.40 Spur, 60 ft. above ravine, projects S.; descend abruptly.

63.00 Power lines extend N. and S.

64.50 Main canyon road at E. edge of bottom of Price River Canyon, bears N. and S.; numerous houses and improvements extend N. and S. along canyon; the E. and W. center line of tippie for Castlegate No. 1 and No. 2 Coal Mines, bears S. about 1.50 chs. distant. Trestle extends E. and W. across Price River Canyon from tippie to entry to Castlegate No. 1 mine and road passes under trestle at E. end of tippie. Thence over low buildings and into D. & R.G. Ry. yards at the Castlegate Mines.

67.19 A point N.  $73^{\circ}20'$  W., 392.35 ft. distant from a hole with wood plug in same, situated on a shelf ledge on the E. side of Price River Canyon and in the center line of the tippie for Castlegate No. 1 and No. 2 Coal Mines, also, the position for the original witness cor. to the 1<sup>st</sup> sec. cor. bet. secs. 1 and 36 at 67.94 chs. This tie was made and the reference point established by an engineer for the Utah Fuel Co. in 1895 for the purpose of perpetuating the position for the witness cor. which fell in the site for the D. & R.G. Ry. switch yards at Castlegate, Utah. The cor. monument was removed during the construction of the railroad and since then its position has been determined from the above tie. The Utah Fuel Company's engineer's field tablet was furnished when the position of the cor. was redetermined.

## DEPENDENT RESERVE OF THE NORTH BOUNDARY OF THE R. G. R. C.

## Chains

Set an iron post, 3 ft. long, 2 ins. in dia., 1 ft. under surface of ground for angle point, with brass cap marked

T12SR9E

S36

AP

S1

T13SR9E

1923

From cor., switch stand on Ry. siding bears NW. 22 lks.;

the SW. cor. of office building of Utah Fuel Co. and

Wasatch store at Castlegate, Utah, bears N. 24° 45' W.,

1.60 chs. distant.

Thence

West, with continuous measurement

Across bottom of Price River Canyon.

68.10 West bound, D. & R. G. Ry., main line track, bears N. 42° W.,

and S. 42° E.; the NE. cor. of old frame hotel building

at Castlegate, Utah, bears S. 70° W., 3.25 chs. distant.

68.42 East bound, D. & R. G. Ry., main line track, bears N. 42° W.

and S. 42° E.

68.92 Telegraph line, bears N. 42° W. and S. 42° E.

69.75 Price River, channel 2 chs. wide, stream 1 ch. wide, 2 ft.

deep, course SE.

72.00 Frame houses extend NW. and SE. along canyon bottom on

W. side of Price River. Leave canyon, ascend precipitous

E. and NE. slopes 225 ft. to

79.25 Record distance west of the original WC $\frac{1}{2}$  at 67.94 chs.

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in

the ground for cor. of secs. 1, 2, 35, and 36, with brass

cap marked

T12S R9E

S35 S36

S2 S1

T13S

1923

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rough, rugged mountains.

Soil, clay and rocky of sandstone formation; 4th. rate.

Timber, scrub cedar and pinon and a few scattered spruce.

Undergrowth, short sagebrush and shrubs.



# DEPARTMENT OF THE NORTH BOUNDARY OF T.13 S.R.9 E.

also.

chains.

S. 89° 56' W. bet. secs. 2 and 35,

Ascend abruptly NE. slope over rough mountainous land;  
through scattered timber and undergrowth.

2.80 Power line, bears N. 20° W. and S. 20° E.

12.00 Top of ascent, 370 ft. above sec. cor. bears N. and S.

Also top of ridge spur, bears S. 80° E., SW. for

about 5 chs., then NW., bears S. about 1½ chs. dist.

Descend abruptly NW. slope; timber becomes scattered.

19.00 Ravine, 180 ft. below top of ascent, drains N.

Ascend abruptly.

39.80 S. 5 lks. from my line is a sandstone 16 x 9 x 7 ins.

above ground, firmly set and marked  $\frac{1}{4}$  on N. face.

This cor. was established by local engineers while

making surveys in this vicinity. I efface marks on

stone but leave it standing.

40.14½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in

the ground on solid rock and 16 ins. in a mound of

stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S35  
S 2  
1923

from which

A pine, 14 ins. diam., bears S. 37° E. 200 lks.

dist., marked  $\frac{1}{4}$  S 2 B T

A pine, 14 ins. diam. bears N. 6° W. 28 lks.

dist., marked  $\frac{1}{4}$  S 35 B T

Face of high sandstone ledge, marked X B0, bears

West 13 lks. distant.

Corner stands at base of a high sandstone ledge wall

bearing NW and S., 560 ft. above ravine.

Thence by triangulation

43.48 Point of high ledge bears NW. and S. 60° E. 2½ chs. dist.

560 ft. above ravine. At base of ledge a spur projects

SE. Descend along rugged S. slope.

## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 13 S. R. 9 E.

Chains.  
 43.00 Ledge, 50 ft. high, bears N. and SE.  
 52.00 Ledge, 75 ft. high, bears N. 80° W. and S. 80° E.  
 56.90 Canyon, 190 ft. below ledge point, drains S. 80° E.  
 Ascend along S. side of canyon 475 ft. to  
 60.29 The original cor. of secs. 2, 3, 34, and 35 as reconstructed  
 by John R. Stewart and Claude L. Heist, U.S. Surveyors in  
 1913, which is an iron post, 3 ins. in dia., firmly set  
 in the ground and mound of stone with brass cap marked

|      |     |
|------|-----|
| T12S | R9E |
| S34  | S35 |
| S 3  | S 2 |
| T13S | R9E |
| 1913 |     |

from which

A mahogany 5 ins. diam. bears N. 73½° E. 47 lks.  
 dist., marked T12S R9E S35 BT

A pine, 10 ins. diam., bears S. 1° E. 6 lks. dist.,  
 marked T13S R9E S2 BT

A mahogany, 6 ins. diam., bears S. 61½° W. 17 lks.  
 dist., marked T13S R9E S3 BT

A mahogany, 5 ins. diam., bears N. 12° W. 48 lks.  
 dist., marked T12S R9E S34 BT

Corner stands on high ridge bearing N. 80° E. and S. 80° W.  
 Land, rugged mountains; general SE. exposure and drainage.  
 Soil, clay and rocky of sandstone formation; 4th rate.  
 Timber, scrub cedar and pinon and scattered pine.  
 Undergrowth, sagebrush, serviceberry, mahogany and maple.

RETRACEMENT NORTH BOUNDARY SECTION 4 SURVEYED BY  
 AUGUSTUS D. FERRON, U. S. DEPUTY SURVEYOR IN 1890  
 AND RESURVEYED BY JOHN R. STEWART AND CLAUDE L.  
 HEIST, U. S. SURVEYORS IN 1912.

From the re-established corner of secs. 4 and 5 which  
 is an iron post, 3 ins. in dia., firmly set in the  
 ground with brass cap marked

|      |     |
|------|-----|
| T12S | R9E |
| S5   | S4  |
| T13S | R9E |
| 1912 |     |

and witnessed by a mound of stone 2 ft. base, 1½ ft.  
 high S. of cor.

## DEPENDENT RESURVEY OF T.13 S., R.9 E.

Chains

Also,

A mahogany, 4 ins.diam., bears S.54°E., 33 lks.

dist., marked T 13 S R 9 E S 4 B T

A fir, 6 ins.diam., bears S.50°W., 34 lks.

dist., marked T 13 S R 9 E S 5 B T

N.89°05'E., on retracement line along N. bdy. sec. 4.

Ascend W. slope over rough mountainous land through medium growth of timber and dense undergrowth.

- 1.59 The closing cor. of secs. 32 and 33, T.12 S., R.9 E., which is an iron post, 2 ins. in dia., firmly set in the ground, with brass cap marked

|      |     |
|------|-----|
| T12S | R9E |
| S32  | S33 |
| CC   |     |
| S5   | S4  |
| T13S | R9E |
| 1912 |     |

from which

A fir, 4 ins.diam., bears N.20°E., 17 lks.

dist., marked T 12 S R 9 E S 33 B T

A fir, 4 ins.diam., bears N.5°W., 38 lks.

dist., marked T 12 S R 9 E S 32 B T

- 8.30 Ridge, 300 ft. above sec. cor., bears N.15°W. and S.; descend E. slope through dense undergrowth.
- 29.80 Canyon, 850 ft. below ridge, drains S.; ascend abruptly.
- 40.66 Fall 14 lks. N. of the reestablished  $\frac{1}{4}$  sec. cor. which is an iron post, 1 in. in dia., firmly set in the ground, marked on brass cap

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S33  |
|               | S4   |
|               | 1912 |

Witnessed by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.

Although this cor. is marked for secs. 4 and 33 it refers to sec. 4 only.

The bearing of this half mile therefore is N.89°17'E., and the distance is 40.66 chs.

From point 14 lks. N. of  $\frac{1}{4}$  sec. cor., continue N.89°05'E.

## DEPENDENT RESURVEY OF T. 13 S., R. 9 E.

## Chains

- 44.50 Spur, projects SW.; thence along general S. slope.  
 56.90 Ridge, 800 ft. above canyon, bears N. and S.; descend.  
 74.35 Head of canyon, 650 ft. below ridge, drains SE.;  
 ascend SW. slope 160 ft. to  
 81.32 Fall 28 lks. N. of the reestablished cor. of secs. 3  
 and 4 which is an iron post, 3 ins. in dia., firmly  
 set in the ground and mound of stone, with brass cap  
 marked

T12SR9E

|      |     |
|------|-----|
| S4   | S3  |
| T13S | R9E |
| 1912 |     |

Witnessed by a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S.  
 of cor.

The bearing of this half mile therefore is N.  $89^{\circ}17'E.$ ,  
 and the distance is 40.66 chs.

Land, rough mountainous; general S. exposure and drainage.  
 Soil, mountain loam, clay and rocky of sandstone formation  
 2nd. and 4th. rates..

Timber, cedar, pinon and fir..

Undergrowth, oak, mahogany, service berry brush and  
 sagebrush.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF

T. 13 S., R. 9 E.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY  
 AUGUSTUS D. FERRON, U. S. DEPUTY SURVEYOR IN  
 1880, 1881 AND 1890.

From the reconstructed original cor. of secs. 1, 2, 35,  
 and 36 on the S. bdy. of the Tp. heretofore described.  
 North, on true line bet. secs. 35 and 36.

Descend over rolling land through short undergrowth.

- 5.40 Wash, 10 lks. wide, 3 ft. deep, drains NW.  
 20.15 Base of ridge and enter scattering scrub timber, bears  
 NW. and SE.; ascend 50 ft. to

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

- 30.50 Spur, projects SW.; descend rocky slope.
- 35.65 Base of spur and leave timber, 100 ft. below top, bears NE. and SW.; thence over rolling land.
- 40.08 Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{c} \frac{1}{4} \\ S35 \mid S36 \\ 1923 \end{array}$$
- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. From the  $\frac{1}{4}$  sec. cor. the N. tie rod on bridge across wash, bears N.  $56^{\circ}20'W.$ , 3.19 chs. distant.
- 42.00 Road, bears E. to Price and Helper and W. to Coal City, Utah.
- 43.75 Wash, 20 lks. wide, 20 ft. deep, drains N.  $80^{\circ}E.$
- 52.60 Wildcat Canyon wash, 1 ch. wide, 4 ft. deep, drains E.
- 57.30 Base of bench, bears E. and W.; ascend S. slope.
- 59.15 Enter scattering timber, bears E. and W.
- 62.15 Top of S. rim of bench, 100 ft. above wash, bears E. and W.; thence over bench.
- 67.15 N. rim of bench, bears NW. and SE.; descend.
- 69.50 Base of bench, leave timber and enter wide draw, bears N.  $10^{\circ}W.$  and SE.
- 77.25 Large wash, with numerous tributaries, joining same near this point, drains SE.
- 80.16 The point for the original cor. of secs. 25, 26, 35, and 36 in wash; witness cor. established 50 lks. N.  $0^{\circ}22'E.$ , for description of same see line bet. secs. 25 and 26. Land, rolling and broken bench land; general SE. exposure and drainage.  
Soil, brown and blue friable clay and sandstone rock; 2nd. and 3rd. rates.  
Timber, scattering scrub cedar and pinon.  
Undergrowth, sagebrush, shadscale and greasewood.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 33 N., R. 2 E., S. 4 E.

CHRYSLER

from the cor. of secs. 25, 30, 31, and 36 on the E. side

of the Tp., heretofore described.

N. 89° 51' W., on true line bet. secs. 25 and 36.

Over nearly level land across Main Street in Spring Glenn, Utah.

- .45 Power line, bears N. and S.
- .75 Cor. of fence, fences extend S. and W.; thence along S. side of south street in Spring Glenn, Utah.
- 3.90 NE. cor. of house, bears S. 20 lks. distant.
- 4.80 NW. cor. of house, bears S. 20 lks. distant.
- 7.00 Intersection of fences and W. side of Spring Glenn, Utah, bears N., S., E., and W.
- 7.90 Small frame house on line.
- 9.40 D. & R.G.Ry. right-of-way fence, bears N. 5° 55' W. and S. 5° 55' E.; telegraph line along fence.
- 10.10 D. & R.G.Ry. main line, single track, bears N. 5° 55' W. and S. 5° 55' E.
- 10.95 D. & R.G.Ry. right-of-way fence, bears N. 5° 55' W. and S. 5° 55' E.
- 11.50 State highway, paved, bears N. 6° W. to Helper and S. 6° E. to Price, Utah.
- 11.75 Wire fence and power line, bears N. 6° W. and S. 6° E.; enter cultivated land.
- 18.55 Bank, 25 ft. high, leave cultivated land and enter bottom lands of Price River, bears NW. and SE.
- 28.00 Price River, 75 lks. wide, 3 ft. deep, in channel about 4½ chs. wide, course S. 10° W.
- 39.70 Fence and leave bottom lands, bears N. and SE.; begin ascent over broken E. slope of bench.
- 40.10 The original ¼ sec. cor., which is a sandstone, 26x10x6 ins., lying on the ground, marked ¼ on one face; from which

A cedar, 8 ins. diam., (dead) bears S. 59½° W.,

61 lks. distant., marked ¼ S B T

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

the ground and stand original cor. alongside for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S25  
S36  
1923

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Thence

S.  $89^{\circ}32'W.$ , with continuous measurement.

42.70 Old irrigation canal, bears N. and S.  $30^{\circ}E.$ , drains S.  $30^{\circ}E.$

44.50 Top of steep ascent and edge of bench and enter dense scrub timber, bears N. and S.; gradually ascend.

50.15 Spur, 125 ft. above  $\frac{1}{4}$  sec. cor., projects SE.; thence along general S. slope on N. side of gulch.

59.50 Gulch, 60 ft. below spur, drains SE. and comes from the N.; a small draw from the NW. joins the gulch about 75 lks. N. Ascend E. slope.

68.70 Ridge and brink of bench, bears N. and S., leave dense timber and begin abrupt descent over W. slope.

77.70 Base of steep descent and enter wide draw and leave timber, 200 ft. below ridge, bears N. and S.

78.80 E. bank of wash, 20 ft. high, bears N. and S.; wash drains S.

79.90 W. bank of wash, bears N. and S.

80.15 The true point for the original cor. of secs. 25, 26, 35, and 36; witness cor. established 50 lks. N.  $0^{\circ}22'E.$ , for description of same see line bet. secs. 25 and 26.

Land, rolling and rough broken bench; general S. exposure and drainage.

Soil, brown loam, clay and rocky of sandstone formation; 1st. to 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush, shadscale and greasewood.

From the true cor. point for the original cor. of secs. 25, 26, 35, and 36.

N.  $0^{\circ}22'E.$ , on true line bet. secs. 25 and 26.

Chains

Gradually ascend over rolling land in draw draining about S. through short undergrowth.

- .30 The original cor. of secs. 25, 26, 35 and 36, which is a sandstone 8x8x6 ins. above ground, firmly set, marked with 1 notch on E., 1 notch on S. and WC on NE. face; no accessories to cor.

This cor. originally stood 30 lks. S. 0° 22' W., and was moved to its present position and marked WC on NE. face by Jos. C. Thoma, U. S. cadastral engineer while engaged on surveys under this group in 1922, for the reason that cor. stood on the bank of a wash and on unsafe ground. In order to further perpetuate cor., I move same 20 lks. further N. 0° 22' E., or at

- .50 On line bet. secs. 25 and 26.

Set the original cor. stone firmly in the ground, marked with 1 notch on E., 1 notch on S. and WC on NE. face; alongside of which

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for witness cor. to the cor. of secs. 25, 26, 35, and 36, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S26  | S25 |
| WC   |     |
| S35  | S36 |
| 1923 |     |

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

- 10.00 Wash, 40 lks. wide, 10 ft. deep, drains S. 10° E.;  
 14.60 Enter scattering scrub timber, bears E. and W.  
 16.40 Low point of spur from bench to the E., projects W.  
 19.10 Same wash as at 10.00 chs., drains W. 60 lks. thence S.  
 23.20 Leave draw, bears NW. and SE. and begin ascent over break of bench.  
 26.20 Top of ledge 20 ft. high and brink of bench, bears NW. and SE.; ascend S. and SE. slopes.  
 40.22½ Proportionate point for the ¼ sec. cor. falls on steep slope of wash on face of bench where it is impracticable to establish cor., therefore at  
 40.50 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

the ground for witness cor. to the  $\frac{1}{4}$  sec. cor., with  
brass cap marked

|     |               |     |
|-----|---------------|-----|
|     | $\frac{1}{4}$ |     |
| S26 |               | S25 |
|     | WC            |     |
|     | 1923          |     |

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Cor. stands on steep SE. slope 275 ft. above base of bench.  
Continue ascent.

- 48.15 S. rim of ridge, 145 ft. above  $\frac{1}{4}$  sec. cor., bears NE. and  
SW.; thence across top of ridge.
- 51.60 N. rim of ridge, bears E. and W.; descend abruptly.
- 62.20 Swale, heads at low saddle in ridge bearing N. and S.  
about 4 chs. W. and drains S.  $80^{\circ}$  E., 250 ft. below ridge;  
ascend abruptly S. slope.
- 75.00 Top of rim of ridge or bench, 275 ft. above swale, bears  
NW. and SE.; thence over level top through dense timber.
- 80.45 The original cor. of secs. 23, 24, 25 and 26, which is a  
sandstone, 16x16x10 ins., firmly set in a mound of stone,  
marked with 1 notch on E. and 2 notches on S. edge;  
from which

A pinon, 10 ins. diam., (dead and fallen) bears  
N.  $88^{\circ}$  E., 65 lks. distant marked BT

A pinon, 10 ins. diam., (dead and fallen) bears  
N.  $26\frac{1}{2}^{\circ}$  W., 32 lks. distant, marked BT

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
the ground and stand original cor. alongside for cor.  
of secs. 23, 24, 25 and 26, with brass cap marked

|      |  |      |
|------|--|------|
| T13S |  | R9E  |
| S23  |  | S24  |
| S26  |  | S25  |
|      |  | 1923 |

from which

A pinon, 8 ins. diam., bears N.  $30\frac{3}{4}^{\circ}$  E., 47 lks.  
dist., marked T 13 S R 9 E S 24 B T

A pinon, 8 ins. diam., bears S.  $17^{\circ}$  E., 46 lks.  
dist., marked T 13 S R 9 E S 25 B T

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

A pinon, 6 ins.diam., bears S.49 $\frac{1}{2}$ °W., 105 lks.

dist., marked T 13 S R 9 E S 26 B T

A pinon, 10 ins.diam., bears N.37 $\frac{1}{2}$ °W., 29 lks.

dist., marked T 13 S R 9 E S 23 B T

Land, rough broken benches.

Soil, brown and blue clay and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush, shadscale and greasewood.

From the reconstructed original cor. of secs. 19, 24, 25  
and 30 on the E. bdy. of the Tp. heretofore described.  
West, on true line bet. secs. 24 and 25.  
Along rocky N. slope over mountainous land through scrub  
timber.

13.50 Leave timber, bears N.80°E. and S.80°W.

17.75 Wash and stream, 3 lks. wide, 2 ins. deep, course at bend  
from N.80°E. to N.80°W.22.36 D. & R.G.Ry. right-of-way fence, bears N.15°25'E. and  
S.15°25'W.; telegraph line along fence.22.94 West bound D. & R.G.Ry. main line track, bears N.15°25'E.  
and S.15°25'W.; White house, bears N.2°E.; rock house,  
bears N.61°W.; frame house, bears N.73°40'W.; farm  
house, bears S.62 $\frac{1}{4}$ °W.; rock building, bears S.61 $\frac{3}{4}$ °W.;  
farm house, bears S.37°15'W.23.16 East bound D. & R.G.Ry. main line track, bears N.15°25'E.  
and S.15°25'W.24.15 Paved state highway, bears N.15 $\frac{1}{2}$ °E. to Helper and S.15 $\frac{1}{2}$ °  
to Price, Utah.24.45 Power line, bears N.15 $\frac{1}{2}$ °E. and S.15 $\frac{1}{2}$ °W.

25.06 Fence, bears N.15°E. and S.15°W.

29.75 Bank, 4 ft. high and enter channel of Price River, bears  
N.80°E. and S.80°W.

32.95 Price River, 1 ch. wide, 1 ft. deep, course SW.

34.15 Rock and log retaining wall on west bank of channel of

Price River, bears NE. and SW.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

| Chains |   |
|--------|---|
| 37.05  | Old bank of river, 3 ft. high, bears NE. and SW.; enter cultivated land; fence line extends W. from this point.   |
| 40.04  | The original $\frac{1}{4}$ sec. cor., which is a sandstone, 18x12x10 ins. lying on top of ground in fence line bearing E. and W., marked $\frac{1}{4}$ on one face and a cross on one end of stone.<br><br>Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in the ground and stand original cor. alongside for $\frac{1}{4}$ sec. cor., with brass cap marked<br><div style="text-align: center;"><math>\frac{1}{4}</math> <math>\frac{S24}{S25}</math><br/>1923</div><br>Deposit broken glass (brown) at base of monument.<br>From $\frac{1}{4}$ sec. cor., White house, bears N. $65\frac{1}{2}^{\circ}$ E.; rock house bears N. $12^{\circ}50'$ W.; frame house, bears N. $34^{\circ}05'$ W.; farm house, S. $6^{\circ}$ E.; rock building bears S. $84^{\circ}$ E.; farm house bears S. $\frac{1}{2}^{\circ}$ W. |
| 43.60  | Irrigation ditch, and leave field, bears N. and S.; begin ascent E. slope.  |
| 44.04  | Fence extends S. from E. and W. fence.  |
| 45.05  | Cor. of fences extending N. and E.  |
| 45.85  | Road, along foot of bench, bears N. and S.; ascend abruptly.  |
| 54.93  | Top of abrupt ascent and edge of bench, 300 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; from this point, school house in Helper, Utah, bears N. $47^{\circ}$ E.; pump house for Kenilworth, Utah, bears S. $56\frac{1}{2}^{\circ}$ E., about 38 chs.; pool hall at Riverside park, bears S. $45\frac{1}{2}^{\circ}$ E.<br>Thence over bench through dense timber.   |
| 70.00  | Begin steep ascent, bears N. and S.   |
| 78.90  | E. brink of high bench or ridge, 200 ft. above lower bench, bears N. and S.   |
| 79.86  | The original cor. of secs. 23, 24, 25 and 26.<br>Land, mountainous and nearly level bottom lands.<br>Soil, brown loam, clay and rocky of sandstone formation;<br>1st to 4th. rates.<br>Timber, scrub cedar and pino <sup>h</sup> .  |

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

Undergrowth, scattering sagebrush and shadscale.

N.0°30'E., on true line bet. secs. 23 and 24.

Over level top of bench through dense scrub timber.

3.50 Brink of ridge, bears N.30°W. and S.30°E.; thence along  
general E. slope.

40.35 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x10x8  
ins., set in a mound of stone, marked  $\frac{1}{4}$  on W. face;  
from which

A pinon, 8 ins.diam., (dead and fallen) bears  
N.38°E., 36 lks. distant, marked  $\frac{1}{4}$  S BT

A pinon, 8 ins.diam., (dead and fallen) bears  
N.69°W., 13 lks. distant, marked  $\frac{1}{4}$  S BT

Set an iron post, 3 ft. long, 1 in. in.dia., 18 ins. in  
the ground on solid rock and in a large mound of stone  
and stand original monument alongside, for  $\frac{1}{4}$  sec. cor.,  
with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S23 \quad | \quad S24 \\ 1923 \end{array}$$

from which

A pinon, 10 ins.diam., bears S.44 $\frac{3}{4}$ °E., 41 lks.  
dist., marked  $\frac{1}{4}$  S 24 B T

A pinon, 8 ins.diam., bears S.51 $\frac{1}{2}$ °W., 49 lks.  
dist., marked  $\frac{1}{4}$  S.23 B T

From  $\frac{1}{4}$  sec. cor., W. end tunnel on Utah Ry., bears N.19°  
40'E.; switch on Utah Ry. where railroad runs W. to  
Standardsville, Ut. and SW. to Hiawatha, Utah, bears  
N.35°16'W.; trestle on Utah Ry. under which passes  
D. & R.G. Ry. and Spring Canyon highway, bears N.47°  
15'W.

Cor. stands on top and on N. brink of bench or ridge  
bearing E. about 3 chs. to point where it breaks off  
and descends NE., and W.

Thence

N.0°03'E., with continuous measurement.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

| Chains |  |
|--------|--|
|        | Descend abruptly over N. slope.  |
| 50.15  | Steep draw, 250 ft. below $\frac{1}{4}$ sec. cor., heads about 2 chs. E. and drains NW.; gradually ascend.   |
| 54.05  | Point of bench, projects W.; descend abruptly N. slope.  |
| 60.75  | Base of bench and leave timber; enter bottom of Spring Canyon, 250 ft. below bench, bears E. and W.  |
| 63.75  | Spring Canyon branch of D. & R. G. Ry., bears N.88°10'W., and S.88°10'E.; E. end of railroad bridge over Spring Creek, bears N.88°10'W., about $1\frac{1}{2}$ chs. distant.  |
| 64.30  | D. & R. G. Ry. right-of-way fence, bears N.88°10'W. and S.88°10'E.; enter cultivated land.   |
| 65.85  | Spring Creek, 10 lks. wide, 3 ins. deep, in wash 1 ch. wide, 5 ft. deep, course NE. about 8 chs. thence E.   |
| 72.75  | Wire fence and leave cultivated land, bears N.80°E. and S.80°W.; telephone line parallels fence.   |
| 73.05  | Main highway, bears N.80°E. to Helper and S.80°W. to Spring Canyon Mining Camps.   |
| 73.55  | Telephone line, bears N.80°E. and S.80°W.  |
| 73.65  | Utah Railroad right-of-way fence, bears N.80°E. and S.80°W.  |
| 74.71  | Utah Railroad, on fill about 30 ft. high, bears N.83°44'E. and S.83°44'W.; the E. end of a switch, bears S.83°44'W., about 50 lks. distant; W. end tunnel, N.83°44'E.  |
| 75.25  | Utah Railroad right-of-way fence, bears N.83°44'E. and S.83°44'W.; enter scrub timber and ascend S. slope 125 ft. to   |
| 81.24  | The original cor. of secs. 13, 14, 23 and 24, which is a sandstone boulder, 24x24x24 ins. showing; marked with a cross on top with 1 groove E. and 3 grooves S. of cross, and witnessed by a small mound of stone N. of cor. |
|        | Alongside W. edge of boulder,  |
|        | Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a large mound of stone for cor. of secs. 13, 14, 23, and 24, with brass cap marked  |

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.9 E.

Chains

|      |     |
|------|-----|
| T13S | R9E |
| S14  | S13 |
| S23  | S24 |
| 1923 |     |

from which

Sandstone boulder, 4x4x2 ft. showing, marked.

X BO S24, bears S.53 $\frac{1}{2}$ °E., 20 lks. distant.

Sandstone boulder, 5x5x2 ft. showing, marked.

X BO S23, bears S.48°W., 57 lks. distant.

Face of sandstone outcropping, 3 ft. high, marked

X BO S13, bears N.25 $\frac{1}{2}$ °E., 117 lks. distant.

Sandstone boulder, 4x4x2 ft. showing, marked

X BO S14, bears N.22 $\frac{3}{4}$ °W., 107 lks. distant.

From sec. cor. a frame house along main canyon road,  
bears S.60°30'E., about 20 chs. distant.

Land, rough mountainous.

Soil, brown loam, gravelly and rocky of sandstone form-  
ation; 1st. to 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

From the cor. of secs. 13, 18, 19 and 24 on the E. bdy. of  
the Tp. heretofore described.

N.89°47'W., on true line bet. secs. 13 and 24.

In E. and W. street of Helper, Utah.

- .40 SW. cor. of house, bears N. 70 lks. distant.
- .65 SE. cor. of house, bears N. 70 lks. distant.
- 1.03 SW. cor. of house, bears N. 70 lks. distant.
- 1.40 Telegraph line, bears N.10°W. and S.10°E.
- 1.73 Switch near N. end of station yards of D. & R. G. Ry. at  
Helper, Utah, bears N.10°W. and S.10°E.
- 1.85 West bound D. & R. G. Ry. main line track, bears N.10°W.  
and S.10°E.
- 2.10 East bound D. & R. G. Ry. main line track, bears N.10°W.  
and S.10°E.
- 2.35 D. & R. G. Ry. right-of-way fence, bears N.10°W. and S.10°W.  
Continue in E. and W. street; houses on both sides of

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

| Chains |  |
|--------|--|
| 5.29   | Concrete highway and Main Street, Helper, Utah, bears NW. about 2 chs. distant thence N. and SE. about 1 ch. thence S. through business district of Helper, Utah. Power lines on both sides of highway parallel same; power lines also extend W. from this point. Thence in lane or street bearing E. and W. |
| 8.40   | Price River, 75 lks. wide, 2 ft. deep, course S.; gradually ascend.  |
| 14.60  | Leave lane, bears E. and N.; ascend steep E. slope.  |
| 16.15  | Road on dugway, bears NE. and SW.  |
| 19.50  | Top of steep ascent on knoll and brink of bench, bears N. and S.; fence and power line, bears E. and W.; thence over bench land through new addition to Helper townsite.   |
| 20.08  | Fence line projects S. from E. and W. fence.   |
| 24.38  | Fence line projects N. from E. and W. fence.   |
| 24.78  | Street, bears N. and S.  |
| 25.07  | Power line, bears N. and S.  |
| 28.67  | Street, bears N. and S.  |
| 30.04  | Fence line projects N. from E. and W. fence.   |
| 32.37  | Street, bears N. and S.  |
| 32.77  | Power line, bears N. and S.  |
| 35.20  | Spring Creek, 10 lks. wide, 3 ins. deep, in wash, 60 lks. wide, 6 ft. deep, course N.  |
| 36.27  | Spring Canyon branch of D. & R.G. Ry., bears N. and S.   |
| 36.87  | SE. cor. of Continental Oil Co. Filling Station.   |
| 38.27  | Spring Canyon highway, bears N., S. about 50 lks. thence E. and W.; houses on both sides of highway in all directions. Thence in cultivated land along and to the N. side of fence bearing about E. and W.   |
| 40.24  | Proportionate point.<br><br>Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked  |

$\frac{1}{4}$  513  
 524  
 1925

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13N. R.2E. S.2E.

Chains

Deposit glass at base of monument.

From cor., the SW. cor. of frame house, 20x30 ft. bears NE.  $5\frac{1}{2}$  lks. distant; water meter, bears SW.  $5\frac{1}{2}$  lks. distant; E. and W. fence line on N. side Spring Canyon highway, bears S. 19 lks. distant.

40.27 Fence, bears N. and S.

43.17 From this point; house, bears N.  $25^{\circ}$ W.; Store, bears N.  $25^{\circ}$ E.; 2 story concrete block house, bears N.  $30^{\circ}$ E.; farm house, bears N.  $4^{\circ}$ E.

47.60 Irrigation ditch and leave cultivated land, enter scrub timber and begin ascent over E. and NE. slopes.

49.40 Fence, circling around foothills, bears NW. and SE.

59.40 Top of steep ascent, 225 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE; thence across rolling top of ridge.

66.60 Power line, bears N.  $10^{\circ}$ E. and S.  $10^{\circ}$ W.

71.60 Top of ridge, bears N.  $75^{\circ}$ W. and S.  $85^{\circ}$ E.; thence along steep, rocky S. slope to

80.40 The original cor. of secs. 13, 14, 23, and 24.

Land, rolling and mountainous.

Soil, brown loam and rocky; 1st to 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

N.  $0^{\circ}$  or  $1^{\circ}$  E., on true line bet. secs. 13 and 14.

Over rough mountainous land through scrub timber and short undergrowth. Ascend S. slope.

85.50 Ridge, 55 ft. above cor., bears N.  $75^{\circ}$ W. and S.  $75^{\circ}$ E.; descend N. and NE. slopes.

100.30 From this point, house No. 1 bears N.  $34\frac{1}{2}^{\circ}$ E.; house No. 2, bears N.  $27^{\circ}$ E.; house No. 3 bears N.  $28\frac{1}{2}^{\circ}$ E.; house No. 4 bears N.  $30\frac{1}{2}^{\circ}$ E., and house No. 5 bears N.  $24\frac{1}{2}^{\circ}$ E.

110.00 Begin steep descent.

23.15 Ravine, 210 ft. below ridge, drains E.; ascend.

27.50 Spur, 60 ft. above ravine, projects E.; thence over rolling E. slope.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- 30.00 Power line, bears N20°E. and S.20°W.
- 39.43 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 24x16x12 ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face and witnessed by a few scattered stones around cor. alongside original cor.,
- Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   
 S14 | S13  
 1923
- from which
- A pinon, 6 ins.diam., bears S.45°E., 119 lks.  
dist., marked  $\frac{1}{4}$  S 13 B T
- A cedar, 10 ins.diam., bears S.53 $\frac{1}{2}$ °W., 138 lks.  
dist., marked  $\frac{1}{4}$  S 14 B T
- Thence
- N.0°22'W., with continuous measurement.
- 43.10 Steep draw, 70 ft. below  $\frac{1}{4}$  sec. cor., drains E.; ascend.
- 45.11 Point of spur, projects E.; from this point, house No. 1 bears S.78°40'E.; house No. 2 bears N.55 $\frac{3}{4}$ °E.; house No. 3 bears N.54 $\frac{1}{4}$ °E.; house No. 4 bears N.59°E.; house No. 5 bears N.44 $\frac{1}{2}$ °E.; N. entry Utah Coal Railroad tunnel bears S.25°E. about 40 chs. distant; tank on spur, bears N.23 $\frac{1}{4}$ °E.; farm house bears S.43°E.; store bears S.59 $\frac{1}{2}$ °E., two story concrete block house, bears S.74 $\frac{3}{4}$ °E.; farm house bears S.67°E.
- 48.50 Utah Railway right-of-way fence, bears N.5°W. and S.5°E.
- 49.72 Mouth of draw, drains E.
- 52.25 Base of descent and enter switch yards of Utah Railroad, 6 tracks, bears about N. and S.10°E.; thence in switch yards.
- 78.50 N. end. of switch yards at Hardscrabble road, bears E. and W.; main line track bearing about N. and S. is immediately E. of line. A group of houses extending W. and along both sides of Hardscrabble Canyon road bear W. about 1 ch. distant.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

79.70 The original cor. of secs. 11,12,13 and 14, which is a sandstone, 24x16x9 ins. buried 3 ft. under surface of ground, marked with 1 notch on E. and 4 notches on S. edge.

Cor. stands in grade of Utah Railroad.

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. under surface of ground, for cor. of secs. 11,12,13 and 14, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S11  | S12 |
| S14  | S13 |
| 1923 |     |

Large broken glass at base of monument.

Land, rough mountainous and bench lands.

Soil, brown clay loam and rocky of sandstone formation; ind. and ltn. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

from the reestablished cor. of secs. 7,12,13 and 18 on the E. bdy. of the Tp. heretofore described.

S.89°20'W., on true line bet. secs. 12 and 13.

Descend and ascend along S. slope over rough mountainous land through dense timber and scattering undergrowth.

11.60 Spur, projects S.; descend general W. slope.

21.00 Top of high sandstone ledge and break of mountain, bears N. and S.30°E.; precipitous descent over ledges and talus slope 900 ft. to

12.90 Inappropriate point.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

|               |     |
|---------------|-----|
| $\frac{1}{2}$ | S12 |
| $\frac{1}{2}$ | S13 |
| 1925          |     |

from which

sandstone boulder, 4x4x4 ft. showing, marked

N. 80 S13. bears S.214°E., 40 lks. dist.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

| Chains |   |
|--------|---|
|        | Sandstone boulder, 6x5x5 ft. showing, marked<br>X BO 312, bears N.60 $\frac{1}{2}$ °E., 25 lks. distant.<br>Cor. stands on steep w. slope among large sandstone<br>boulders.  |
| 49.30  | Telegraph line, bears NW. and SE.   |
| 49.80  | West bound D.& R.G.Ry. main line track on a curve, bears<br>about NW. and S.  |
| 50.10  | E. bound D.& R.G.Ry. main line track on a curve, bears<br>about NW. and S.  |
| 51.90  | Price River in canyon, 75 lks. wide, 2 ft. deep, 200 ft.<br>below $\frac{1}{2}$ sec. cor., course S.; thence over rolling valley.   |
| 55.60  | N. side of reservoir or settling pond, bears S. about 40<br>lks. distant.   |
| 58.20  | Fence, bears NE. and SW.  |
| 59.90  | Same fence, bears NW. and SE.   |
| 60.80  | NE. cor. of front steps at Martin Mercantile Co., bears<br>S.30 lks. distant; also, point on paved State highway<br>bears N.60°W. to Castlegate and S.60°E. to Helper, Utah;<br>road from Hardscrabble Canyon bearing E. and ... joins<br>state highway 20 lks. S. of this point. Thence along<br>N. side of Hardscrabble Canyon road, gradually ascending. |
| 65.00  | Power line, bears NE. and SW.   |
| 70.00  | Power line, bears N. and S. about 2.75 chs. to power<br>station. A group of 3 houses are situated at power<br>station.  |
| 74.15  | Point in railroad "Y" at Utah Railroad round house,<br>bears NE. and SW.  |
| 76.99  | The line w. strikes Utah Railroad round house or shops,<br>to pass which I offset as follows:<br>South, 1.44 chs., then S.89°20'W. on offset line, 2.72 chs,<br>then, North, 1.44 chs. to true line at  |
| 79.71  | Main line of Utah Railroad, bears N.1°W. and S.1°E.; the<br>NW. cor. of Utah Railroad Machine Shops, bears N.3°05'<br>E., 2.60 chs. distant.  |
| 79.88  | The original cor. of secs. 11, 12, 13 and 14.<br>Land, E. 51.90 chs. rough mountainous; remainder of mile   |

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.9 E.

## Chains

rolling valley.

Soil, mountainous land rocky of sandstone formation, 4th. rate; in valley, rich loam, 1st. rate.

Timber, scrub cedar and pinon on E. 51:90 chs. with cottonwood along Price River.

Undergrowth sagebrush and shadscale.

Cultivated land on both sides of line in valley.

N.0°02'E., on true line bet. sects. 11 and 12.

Along main line track and grade of Utah Railway.

14.50 Leave grade, bears N.5°W. and S.10°E.; thence on rocky E. slope.

20.00 House, bears E. about 2.50 chs. distant.

28.00 Main line track, Utah Railway, bears about NE. and S.20° W.; begin precipitous ascent SE. slopes through scattering scrub timber and over large sandstone boulders.

34.60 Sandstone ledge about 50 ft. high, bears NE. and SW.

39.70 The original  $\frac{1}{4}$  sec. cor., which is a sandstone boulder in place, 40x40x32 ins. showing, marked  $\frac{1}{4}$  on W. face and | on top; no accessories to cor.

Alongside W. edge of original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S11} \mid \text{S12} \\ 1923 \end{array}$$

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Trees are within limits but too scrubby for marking.

Thence

N.0°32'E., with continuous measurement.

43.40 Spur, 70 ft. above  $\frac{1}{4}$  sec. cor., projects E.; about 5 chs.

W. spur is a high ledge point. From this point water tank, bears S.47°55'E.; descend abruptly.

49.30 Gentle Canyon, 250 ft. below spur, drains E.; about 5 chs. W. canyon turns NW.; ascend precipitous S. slope

over ledges.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- 59.62 Top of sandstone ledge about 200 ft. high, bears W. about 1 ch. then N.30°W., and N.80°E.; continue ascent over SW. slope.
- 63.42 From this point a sandstone, 14x13x7 ins., set in a mound of stone, marked with 5 grooves on S. and 1 groove and WC on E. face, bears E. 1.02 chs. distant. The marks on this stone are of recent construction and the position of the monument can in no way be made to agree with the record of the original surveys. I deface the grooves on the stone and leave monument standing. This monument stands on a sharp spur projecting S.30°E.
- 70.50 Sharp spur, 150 ft. above ledge at 59.62 chs., projects S.30°E.; from this point tipple at Panther Coal Mine, bears N.53 $\frac{3}{4}$ °E. Descend along steep E. slope.
- 80.39 Proportionate point. .  
Set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in the ground on solid rock and 14 ins. in a large mound of stone for cor. of secs. 1,2,11 and 12, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S2   | S1  |
| S11  | S12 |
| 1925 |     |

from which

A pinon, 12 ins.diam., bears N.12 $\frac{1}{2}$ °E., 76 lks.

dist., marked T 13 S R 9 E S 1 B T

A pinon, 14 ins.diam., bears S.40 $\frac{3}{4}$ °E., 57 lks.

dist., marked T 13 S R 9 E S 12 B T

A pinon, 8 ins.diam., bears S.53 $\frac{3}{4}$ °W., 16 lks.

dist., marked T 13 S R 9 E S 11 B T

A pinon, 14 ins.diam., bears N.78 $\frac{1}{2}$ °W., 56 lks.

dist., marked T 13 S R 9 E S 2 B T

Cor. stands on steep E. slope, 125 ft. below spur and 15 lks. W. of a high ledge rim bearing N. and S.

From sec. cor., tipple at Panther Coal Mine, bears N. 63 $\frac{1}{2}$ °E.; entry to Panther Coal Mine, bears N.74°30'E.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

Land, rough mountainous; general SE. exposure and drainage  
 Soil, shallow clay loam and rocky of sandstone formation  
 2nd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

From the reconstructed original cor. of secs. 1, 6, 7 and  
 12 on the E. bdy. of the Tp. heretofore described.  
 S. 88° 51' W., on true line bet. secs. 1 and 12.

Descend along N. slope over rough mountainous land through  
 scattering timber and undergrowth.

3.10 Depression on N. slope, drains N.; gradually ascend.

11.40 Spur, 90 ft. below sec. cor., projects NW.; continue  
 descent.

14.00 Enter dense timber, bears N. and S.

26.50 Begin abrupt descent over W. and NW. slopes of break of  
 mountain into Price River Canyon.

39.35 Proportionate point for  $\frac{1}{4}$  sec. cor. falls on sloping  
 sandstone surface rock where cor. cannot be set; mark  
 a cross (X) at exact cor. point, and at

39.41 Set an iron post, 1 in. in dia., 20 ins. in the ground  
 on solid rock and 10 ins. in a mound of stone for  
 witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S1}{WC}$   
 S12  
 1925

from which

Face of sandstone ledge, marked WC X B0 S12,  
 bears S. 42° E., 10 lks. distant.

Face of sandstone ledge, marked WC X B0 S1,  
 bears N. 36 $\frac{1}{2}$ ° E., 18 lks. distant.

Cor. stands on precipitous NW. face of break of mountain  
 among sandstone ledges, 530 ft. below sec. cor.

Continue abrupt descent.

53.00 Base of mountain and enter Price River Canyon, bears  
 NE. and SW.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

- 54.00 Railroad track near end of spur from tipple at Panther Coal Mine, bears N.39°E. and S.39°W.
- 54.20 Railroad track, bears N.39°E. and S.39°W.
- 54.40 Road, bears N.30°E. and S.30°W.
- 56.30 Price River, 1 ch. wide, 1 ft. deep, 500 ft. below  $\frac{1}{4}$  sec. cor., course SW.; ascend in canyon.
- 58.30 Side track on D. & R.G.Ry., bears N.32°21'E. and S.32°21'W.
- 58.56 W. bound D. & R. G. Ry. main line Ry track, bears N.32°21'E. and S.32°21'W.; junction of Utah Railroad and D. & R. G. Ry. main line bears southerly about 15 chs. distant.
- 58.84 E. bound D. & R.G.Ry. track, bears N.32°31'E. and S.32°31'W.
- 59.14 Side Track, bears N.32°31'E. and S.32°31'W.
- 59.53 Telegraph line, bears N.32°31'E. and S.32°31'W.
- 62.90 State highway, (paved) bears NE. to Castlegate and SW. to Helper, Utah. Begin precipitous ascent over SE. and E. slopes broken by ledges and surface strewn with large boulders.
- 78.55 Top of sandstone ledge and rim 560 ft. above Price River, bears N. and S.
- 78.70 The cor. of secs. 1,2,11 and 12.  
Land, rough mountainous with precipitous slopes into Price River Canyon.  
Soil, clay and rocky of sandstone formation; 4th. rate.  
Timber, cedar and pinon.  
Undergrowth, sagebrush, shadscale and scattering service berry and oak brush.
- 
- N.0°21'W., on true line bet. secs. 1 and 2.  
Descend along rugged E. slope over rough mountainous land through medium growth of timber and scattering undergrowth.
- 2.30 Depression, drains E.; ascend abruptly E. slope.
- 12.00 Spur, 300 ft. above depression, projects E.; descend NE. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

26.70 Draw, 450 ft. below spur, drains E.; ascend SW. slope.  
 32.28 Spur, 160 ft. above draw, projects S.80°E.; from this point entry to Panther Coal Mine, bears S.78°08'E. Descend along E. slope.

36.00 Spur, 100 ft. below last spur, projects NE.; descend abruptly N. slope.

40.55 Draw, 180 ft. below spur, drains NE.; thence along E. slope.

40.69 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S2 | S1  
 1925

from which

A spruce, 12 ins.diam., bears S.75 $\frac{1}{2}$ °E., 59 lks.

dist., marked  $\frac{1}{4}$  S 1 B T

A pinon, 12 ins.diam., bears S.14°W., 111 lks.

dist., marked  $\frac{1}{4}$  S 2 B T

E. about 60 lks. distant is a rim of gulch bearing N. and SE.

51.20 Draw, 225 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; ascend abruptly rugged S. slope.

63.40 Spur, 300 ft. above draw, projects S.60°E.; descend abruptly NE. slope.

74.30 Power line, bears N.8 $\frac{1}{2}$ °W. and S.8 $\frac{1}{2}$ °E.

75.20 Draw, 400 ft. below spur, drains E.; entry to Castlegate No. 1 Coal Mine, not visible from line bears easterly in draw, 5 to 6 chs. distant. Ascend SE. slope.

79.65 Spur, 100 ft. above draw, projects E.; descend abruptly.

82.08 The cor. of secs. 1, 2, 35, and 36 on the N. bdy. of the Tp. heretofore described.

Land, rugged mountains; general E. exposure and drainage.

Soil, clay and rocky of sandstone formation; 4th. rate.

Timber, cedar, pinon and scattering spruce.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

Undergrowth, sagebrush, shadscale, scattering oak and service berry brush.

From the reconstructed original cor. of secs. 2, 3, 34, and 35 on the S. bdy. of the Tp. heretofore described. N.0°48'E., on true line bet. secs. 34 and 35.

Gradually ascend over rolling bench land through scattering timber and short undergrowth.

9.40 Small wash, drains SE.

25.35 Low spur, projects E.; gradually descend.

37.80 Leave timber, bears E. and W.

39.30 Wash, 15 lks. wide, 12 ft. deep, drains NE.

40.13½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{2} \\ | \\ S34. \quad | \quad S35 \\ 1924 \end{array}$$

from which

A cedar, 8 ins.diam., bears S.17°E., 181 lks. dist., marked  $\frac{1}{4}$  S 35 B T

A cedar, 5 ins.diam., bears N.73½°W., 71 lks. dist., marked  $\frac{1}{4}$  S 34 B T

45.00 Wash, drains E., 75 ft. below spur; gradually ascend.

47.90 Old road, bears E. to Price and Helper and W. to Coal City, Utah.

58.30 Main highway, bears E. to Price and Helper and W. to Coal City, Utah.

65.00 Top of ascent and brink of broken bench land sloping into Wildcat Canyon; enter scrub timber, bears E. and W. Descend.

70.65 Bottom of Wildcat Canyon and wash, 1 ch. wide, 5 ft. deep, drains E.; ascend.

78.50 N. brink of Wildcat Canyon, bears E. and W.; thence over bench land.

80.27 The original cor. of secs. 26, 27, 34 and 35, which is a

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

sandstone, 32x10x8 ins., firmly set in the ground,  
marked with 2 notches on E. and 1 notch on S. edge;  
from which

A pinon, 4 ins.diam., (dead) bears S.76 $\frac{1}{2}$ °E.,

23 lks. distant, marked BT

No other accessories at cor. . .

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in  
the ground for cor. of secs. 26, 27, 34, and 35, with  
brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S27  | S26 |
| S34  | S35 |
| 1924 |     |

from which

A cedar, 5 ins.diam., bears S.60 $\frac{1}{2}$ °E., 22 lks.

dist., marked T 13 S R 9 E S 35 B T

A pinon, 8 ins.diam., bears S.29°W., 27 lks.

dist., marked T 13 S R 9 E S 34 B T

A pinon, 10 ins.diam., bears N.18 $\frac{3}{4}$ °W., 48 lks.

dist., marked T 13 S R 9 E S 27 B T

No other bearing trees available.

Raise a mound of stone, 2-ft.base, 1 $\frac{1}{2}$  ft.high, W.of cor.

Land, rolling and broken benches; general E. exposure  
and drainage.

Soil, brown clay loam and rocky of sandstone formation;

2nd. and 3rd. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale..

From the true point for the cor. of secs. 25, 26, 35, and  
36.

N.89°55'W., on true line bet. secs. 26 and 35.

Gradually ascend from draw to brink of bench over broken  
land through scattering scrub timber and short under-  
growth.

4.70 Rim of bench, bears N. and S.; thence across bench.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- 19.60 W. rim of bench, bears N. and S.; descend SW. slope.  
 23.10 Wash, drains SW. about 3 chs. to junction with large wash.  
 26.60 Large wash, drains S. and comes from the west; thence in wash.

35.00 Leave wash, turns N.; ascend.

39.38 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 24x10x8 ins., firmly set in the ground, marked  $\frac{1}{2}$  on N. face; no accessories to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \underline{S26} \\ S35 \\ 1924 \end{array}$$

from which

A cedar, 10 ins.diam., bears S.74°E., 109 lks. dist., marked  $\frac{1}{2}$  S 35 B T

A pinon, 6 ins.diam., bears N.22°W., 148 lks. dist., marked  $\frac{1}{2}$  S 26 B T

Thence

N.89°59'W., with continuous measurement.

- 49.80 Spur, projects S.; thence over broken land sloping S. across numerous unimportant spurs and washes.

79.20 The cor. of secs. 26, 27, 34 and 35.

Land, rolling and broken benches; general S. exposure and drainage.

Soil, clay loam and rocky of sandstone formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

N.1°29'W., on true line bet. secs. 26 and 27.

Ascend over rolling bench land through medium growth of scrub timber and short undergrowth.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S. R. 9 E.

Chains

- 6.00 S. rim of bench, 100 ft. above sec. cor., bears E. and W.;  
gradually descend.
- 14.80 Power line, bears N.  $27\frac{3}{4}^{\circ}$  E. and S.  $27\frac{3}{4}^{\circ}$  W.
- 25.60 Road, bears E. and W.
- 28.60 Wash, drains SE., 40 ft. below brink of bench.
- 41.43 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

|      |               |     |
|------|---------------|-----|
|      | $\frac{1}{4}$ |     |
| S27  |               | S26 |
| 1924 |               |     |

from which

A pinon, 10 ins.diam., bears S.  $77\frac{1}{2}^{\circ}$  E., 85 lks.  
dist., marked  $\frac{1}{4}$  S 26 B T

A pinon, 10 ins.diam., bears N.  $77\frac{1}{2}^{\circ}$  W., 41 lks.  
dist., marked  $\frac{1}{4}$  S 27 B T

- 46.92 From this point entry to tunnel on Utah Railroad, bears  
N.  $72^{\circ}$  W.

- 48.77 Road, bears NW. and SE.

- 62.00 Road, bears NE. and SW.

- 82.87 The original cor. of secs. 22, 23, 26, and 27, which is a  
sandstone, 36x20x14 ins., firmly set in the ground,  
marked with 2 notches on E. and 2 notches on S. edge  
and with a cross on top; no accessories to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in  
the ground on solid rock and 12 ins. in a mound of  
stone for cor. of secs. 22, 23, 26, and 27, with brass  
cap marked

|      |  |     |
|------|--|-----|
| T13S |  | R9E |
| S22  |  | S23 |
| S27  |  | S26 |
| 1924 |  |     |

from which

A cedar, 12 ins.diam., bears N.  $39^{\circ}$  E., 47 lks.  
dist., marked T 13 S R 9 E S 23 B T

A cedar, 8 ins.diam., bears S.  $34\frac{1}{2}^{\circ}$  E., 129 lks.  
dist., marked T 13 S R 9 E S 26 B T

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

A cedar, 5 ins.diam., bears S.35 $\frac{1}{2}$ °W., 91 lks.

dist., marked T 13 S R 9 E S 27 B T

A pinon, 6 ins.diam., bears N.32 $\frac{1}{2}$ °W., 60 lks.

dist., marked T 13 S R 9 E S 22 B T

From sec. cor., the entry to tunnel on the Utah Railway,  
bears S.36°53'W.

Land, rough, broken bench land draining SE.

Soil, brown clay loam and rocky of sandstone formation;  
2nd. and 3rd. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

From the reconstructed original cor. of secs. 23, 24, 25,  
and 26.

N.88°18'W., on true line bet. secs. 23 and 26.

Over level top of ridge through dense timber.

6.25 W. brink of top of ridge, bears N. and S.; descend abruptly  
SW. slope.

17.10 Fence bears N. and S. at foot of ridge, 290 ft. below  
top, bears N.30°W. and S.30°E.; leave timber, thence  
over cleared land.

36.90 Wash, 10 lks. wide, 3 ft. deep, drains S.15°W.

40.90 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{S23}{S26} \\ 1924 \end{array}$$

Deposit a sandstone, 14x8x6 ins. marked with a cross (X)  
on one face at base of monument.

From cor., the NW. cor. of a fence, bears N.12°W.; house  
bears N.2°40'W., about  $\frac{1}{2}$  mile distant.

41.37 Fence and leave cleared land, bears N. and S.; thence  
over broken bench entering scrub timber.

60.30 Shallow draw, drains S.

66.00 Shallow draw, drains S.30°W.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

67.30 Road, bears NE. and SW.

81.80 The cor. of secs. 22, 23, 26, and 27.

Land, E. 17.10 chs. mountainous; remainder of mile rolling

and broken bench; general S. exposure and drainage.

Soil, brown clay loam and rocky of sandstone formation;

1st. to 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

N.1°19'E., on true line bet. secs. 22 and 23.

Ascend S. and SE. slopes over broken bench land through

scrub timber and short undergrowth.

17.00 Utah Railway right-of-way fence, bears N.46½°E. and  
S.46½°W.

17.60 Telegraph line, bears N.46½°E. and S.46½°W.

18.90 Utah Railway, bears N.46½°E. and S.46½°W.

20.80 Utah Railway right-of-way fence, bears N.46½°E. and  
S.46½°W.

Begin steeper ascent.

40.37 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for 1 sec. cor., with brass cap marked

$\frac{1}{4}$   
 S22 | S23  
 1924

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

No suitable bearing trees available.

49.20 Top of ledge, 100 ft. high and S. rim of mesa, 600 ft.  
above sec. cor., bears N.70°E. and S.70°W.; from this  
point, house, bears S.89°47'E.

Thence across top of bench, or mesa.

55.00 N. rim of mesa, bears E. and W.; descend abruptly over  
N. slope.

72.45 Bottom of Spring Canyon and stream 10 lks. wide, 3 ins.  
deep, 700 ft. below mesa, course E.; ascend in canyon.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- 72.84 Fence, bears E. and W.
- 75.95 Small frame house, bears W. about  $\frac{3}{4}$  chs. distant.
- 77.00 Power line, bears NE. and SW.
- 78.64 Fence, bears NE. and SW.
- 79.24 Telephone line, bears E. and W.
- 79.44 Spring Canyon branch of D. & R. G. Ry., bears N.  $52^{\circ}$  E. and S.  $52^{\circ}$  W.
- 80.25 Telephone line, bears N.  $52^{\circ}$  E. and S.  $52^{\circ}$  W.
- 80.50 Main Spring Canyon highway, bears E. to Helper and W. to Spring Canyon Mining Camps.
- 80.74 The original cor. of secs. 14, 15, 22, and 23, which is a sandstone boulder in place,  $30 \times 24 \times 12$  ins. showing, marked with a cross, with 2 grooves E. and 3 grooves S. of cross; no accessories to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S15  | S14 |
| S22  | S23 |
| 1924 |     |

from which

A cedar, 10 ins. diam., bears N.  $44^{\circ}$  E., 74 lks.

dist., marked T 13 S R 9 E S 14 B T

No other trees available.

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

From sec. cor., the NE. cor. of a rock house, bears

S.  $11^{\circ}39'$  W.; farm house, bears S.  $81^{\circ}21'$  E.

Land, rough, rugged mountains.

Soil, brown clay loam and rocky of sandstone formation;

2nd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.15 S. R. 9 E.

## Chains

- From the reconstructed original cor. of secs. 13, 14, 23, and 24.  
 N.  $88^{\circ}37'$  W., on true line bet. secs. 14 and 23.  
 Along general S. slope over rough, broken bench land through scrub timber and short undergrowth.
- 6.00 Power line, bears S.  $26^{\circ}\frac{3}{4}'$  W., N.  $26^{\circ}\frac{3}{4}'$  E. about 1 ch., thence N.  $11^{\circ}$  E.
- 14.20 Center of bridge or trestle, Utah Railway over D. & R.G. Ry., bears S.  $54^{\circ}\frac{1}{4}'$  W.
- 21.25 Low spur, projects S.; descend.
- 27.50 Draw, 150 ft. below spur, drains S.; ascend.
- 32.00 Spur, 125 ft. above draw, projects S.; descend.
- 32.05 Rock house, bears S.  $86^{\circ}16'$  W. (NE. cor.)
- 39.40 Utah Railroad, bears NW. and SE., 75 ft. below spur; thence over rolling land in bottom of Spring Canyon.
- 40.14  $\frac{1}{2}$  Proportionate point.  
 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \quad \underline{S14} \\ S23 \\ 1924 \end{array}$$
- from which
- A pinon, 8 ins. diam., bears S.  $73^{\circ}\frac{1}{4}'$  W., 70 lks. dist., marked  $\frac{1}{4}$  S 23 B T
- A large sandstone boulder, marked X B0 S14 bears N.  $60^{\circ}$  W., 49 lks. distant.
- From  $\frac{1}{2}$  sec. cor., E. gable of farm house, bears S.  $24^{\circ}39'$  W.; center of trestle or bridge, Utah Railway over D. & R.G. Ry., bears S.  $33^{\circ}28'$  E.; a white pine post, (unmarked) along Utah Railway, bears N.  $83^{\circ}\frac{1}{2}'$  E., 28 lks. distant.
- 59.25 Telegraph line, bears NW. and S.
- 60.45 Spring Canyon branch of D. & R.G. Ry., bears NW. and S.
- 60.85 Telephone line, bears NW. and S.
- 62.85 Main Spring Canyon highway, bears NW. to Spring Canyon Mining Camps and S. to Helper, Utah.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 S., R. 9 E.

| Chains |   |
|--------|---|
| 63.30  | Wash, 35 lks. wide, 20 ft. deep, drains S.  |
| 64.00  | Power line, bears S. 80° W. and SE.   |
| 76.75  | Fence, bears N. and S.  |
| 77.80  | Fence, bears NE. and SW.  |
| 78.10  | Main Spring Canyon highway, bears N. 70° E. to Helper and S. 70° W. to Spring Canyon Mining Camps.  |
| 78.40  | Telephone line, bears NE. and SW.   |
| 78.75  | Spring Canyon branch of D. & R. G. Ry., bears N. 52° E. and S. 52° W.   |
| 79.70  | Telegraph line, bears NE. and SW.   |
| 80.29  | The cor. of secs. 14, 15, 22 and 23.  |
|        | Land, rough bench land and rolling canyon bottom.   |
|        | Soil, clay loam and rocky of sandstone formation; 2nd, and 4th. rates.  |
|        | Timber, scrub cedar and piñon.  |
|        | Undergrowth, sagebrush and shadscale.   |
|        | N. 0° 07' E., on true line bet. secs. 14 and 15.  |
|        | Ascend over rough mountainous land through scattering timber and short undergrowth.   |
| 1.30   | Utah Railroad in cut on side of mountain and on a curve bears NE. and SW.   |
| 33.50  | Enter dense scrub timber, bears E. and W.; begin ascent over general S. slope over benches and breaks of high mountain.   |
| 19.36  | Point for south sixteenth-section cor. bet. secs. 14 and 15 falls on ledge where cor. cannot be set; ledge bears about E. and W., 30 ft. high.                                  |
| 19.82  | On top of ledge, mark a cross (X) on surface rock, over which,  |
|        | Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for witness cor. to the south sixteenth-section cor. bet. secs. 14 and 15, with brass cap marked |

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

S 1/16

S15 | S14

WC

1925

from which

A pinon, 8 ins.diam., bears N88 $\frac{1}{2}$ °E., 90 lks.

dist., marked W C S 1/16 S 14 B T

A pinon, 10 ins.diam., bears N.75°W., 21 lks.

dist., marked W C S 1/16 S 15 B T

Continue ascent over rugged S. slope.

38.00 Base of high sandstone ledge, bears NE. and SW.

38.72 Proportionate point for  $\frac{1}{4}$  sec. cor. falls on face of  
ledge where cor. cannot be set.39.00 Top of ledge, about 100 ft. high, 1000 ft. above sec. cor.  
bears NE. and SW.; continue ascent.39.32 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for witness cor. to the  $\frac{1}{4}$  sec. cor., with  
brass cap marked $\frac{1}{4}$ 

S15 | S14

WC

1925

from which

A cedar, 10 ins.diam., bears N.35 $\frac{3}{4}$ °E., 29 lks.dist., marked W C  $\frac{1}{4}$  S 14 B TA pinon, 12 ins.diam., bears S.50 $\frac{1}{2}$ °W., 64 lks.dist., marked W C  $\frac{1}{4}$  S 15 B T42.40 Spur, 60 ft. above  $\frac{1}{4}$  sec. cor., projects S.20°W.; ascend  
along W. and SW. slopes to55.00 Ridge and divide bet. Spring Canyon and Hardscrabble  
Canyon, 75 ft. above spur, bears N.80°W. and S.80°E.;  
descend N. slope 125 ft. to58.08 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for north sixteenth-section cor. bet. secs.  
14 and 15, with brass cap marked

N 1/16

S15 | S14

1925

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

from which

a pine, 20 ins.diam., bears N.89 $\frac{1}{2}$ °E., 229 lks.

dist., marked N 1/16 S 14 E T

a spruce, 10 ins.diam., bears N.55°W., 109 lks.

dist., marked N 1/16 S 15 E T

Continue abrupt descent N. slope.

65.70 Ledge, 50 ft. high, bears NE., SE. about 2 chs., thence N.20°E.

68.35 Draw, 600 ft. below ridge, drains NE.; ascend.

73.40 Ledge, 50 ft. high, bears N.30°E. and S.30°W.

76.50 Point, 250 ft. above draw, projects E.; descend.

77.44 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 10, 11, 14 and 15, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S10  | S11 |
| S15  | S14 |
| 1925 |     |

from which

a cedar, 10 ins.diam., bears N.41 $\frac{1}{2}$ °E., 135 lks.

dist., marked T 13 S R 9 E S 11 E T

a pinon, 12 ins.diam., bears S.71°E., 17 lks.

dist., marked T 13 S R 9 E S 14 E T

a pine, 14 ins.diam., bears S.65 $\frac{1}{2}$ °E., 83 lks.

dist., marked T 13 S R 9 E S 15 E T

a pinon, 20 ins.diam., bears N.14°E., 115 lks.

dist., marked T 13 S R 9 E S 10 E T

Land, rough, rugged mountains.

Soil, clay loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, cedar and pinon with a few scattering pine.

Undergrowth, sagebrush, shadscale and scattering oak and service berry brush.

from the reconstructed original cor. of secs. 12, 12, 13, and 14.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

S.  $89^{\circ}48'$  W., on true line bet. secs. 11 and 14.

Ascend over rough mountainous land along general S. slope of Hardscrabble Canyon, through scrub timber and scattering undergrowth.

39.92 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

S11

S14

1925

from which

Face of sandstone ledge, marked X B0 S 11, bears

N.  $32^{\circ}$  E., 73 lks. distant.

A pinon, 10 ins. diam., bears S.  $30^{\circ}$  W., 5 lks.

dist., marked  $\frac{1}{4}$  S 14 B T

Cor. stands on rugged S. slope of canyon near base of sandstone ledge about 60 ft. high, bears E. and W.

45.60 Road, in canyon, bears NW. and SE.

47.50 Bottom of Hardscrabble Canyon and wash, 50 lks. wide, 5 ft. deep, 100 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; ascend general N. slope.

48.60 Power line, bears NW., SE. about 2 chs., thence about E.

59.89 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for west sixteenth-section cor. bet. secs. 11 and 14, with brass cap marked

S11

W 1/16

S14

1925

from which

A cedar, 24 ins. diam., bears S.  $30^{\circ}$  E., 41 lks.

dist., marked W 1/16 S 14 B T

A pinon, 8 ins. diam., bears N.  $65^{\circ}$  W., 36 lks.

dist., marked W 1/16 S 11 B T

Cor. stands near top of spur, 300 ft. above canyon.

60.30 Spur, projects N.; descend NW. slope.

70.00 Draw, 75 ft. below spur, drains NE.; ascend abruptly

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

- Chains  
79.85 E. slope 400 ft. to  
The cor. of secs. 10, 11, 14, and 15.  
Land, rough mountainous.  
Soil, brown clay and rocky of sandstone formation; 2nd.  
and 4th. rates.  
Timber, cedar and pinon.  
Undergrowth, sagebrush, shadscale, scattering service  
berry and oak brush.
- N.3°16'E., on true line bet., secs. 10 and 11.  
Descend along E. slope broken by sandstone ledges over  
rough, rugged mountainous land, through medium growth  
of timber and scattering undergrowth.
- 4.50 Draw, drains E.; ascend abruptly over ledges.  
10.20 Sharp ledge spur, 200 ft. above draw, projects N.85°E.;  
descend abruptly NE. slope over ledges.  
19.42 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
the ground for south sixteenth-section cor. bet. secs.  
10 and 11, with brass cap marked
- S 1/16  
S10 | S11  
1925
- from which
- A pine, 14 ins.diam., bears N.26 $\frac{1}{4}$ °E., 83 lks.  
dist., marked S 1/16 S 11 B T  
A pine, 16 ins.diam., bears N.72 $\frac{3}{4}$ °W., 71 lks.  
dist., marked S 1/16 S 10 B T
- Continue descent over NE. slope.
- 28.85 Power line, bears N.47°W. and S.47°E.  
29.90 Bottom of Hardscrabble Canyon, 350 ft. below spur, drains  
SE.; ascend broken W. and SW. slopes.  
33.65 Canyon road, bears NW. and SE.  
38.84 The original  $\frac{1}{4}$  sec. cor., which is a sandstone boulder  
in place, 3x2x2 ft. showing, marked  $\frac{1}{4}$  on W. face; no  
accessories to cor.  
Alongside original cor.,

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to solid rock and in a large mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

|      |               |     |
|------|---------------|-----|
|      | $\frac{1}{4}$ |     |
| S10  |               | S11 |
| 1924 |               |     |

from which

A pinon, 5 ins.diam., bears N.  $36\frac{1}{4}^{\circ}$  E., 35 lks.

dist., marked  $\frac{1}{4}$  S 11 B T

A cedar, 5 ins.diam., bears S.  $37\frac{3}{4}^{\circ}$  W., 12 lks.

dist., marked  $\frac{1}{4}$  S 10 B T

Thence

N.  $2^{\circ}43'$  W., with continuous measurement.

42.00 Top of sandstone ledge rim, 50 ft. high, bears NW. and SE. continue ascent.

49.75 Spur, 100 ft. above ledge, projects SW.; descend NW. slope broken by sandstone ledges and outcroppings.

54.65 Draw, 75 ft. below spur, drains SW.; ascend over ledges.

65.35 Spur, 375 ft. above draw, projects SW.; ascend 150 ft. over general SW. slope to

79.10 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 2, 3, 10, and 11, with brass cap marked

|      |  |     |
|------|--|-----|
| T13S |  | R9E |
| S3   |  | S2  |
| S10  |  | S11 |
| 1925 |  |     |

from which

A mahogany, 10 ins.diam., bears N.  $56\frac{1}{2}^{\circ}$  E., 25 lks.

dist., marked T 13 S R 9 E S 2 B T

A cedar, 8 ins.diam., bears S.  $28\frac{1}{4}^{\circ}$  E., 37 lks.

dist., marked T 13 S R 9 E S 11 B T

A cedar, 14 ins.diam., bears S.  $73^{\circ}$  W., 72 lks.

dist., marked T 13 S R 9 E S 10 B T

A cedar, 20 ins.diam., bears N.  $72^{\circ}$  W., 142 lks.

dist., marked T 13 S R 9 E S 3 B T

The E. point of ledge on high ridge, bears N.  $53\frac{1}{4}^{\circ}$  W., about

## DEPENDENT RESURVEY OF THE SUBLIVISION OF T.13 S., R.9 E.

## Chains

Land, rough, rugged mountains.

Soil, clay loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, cedar, pinon, scattering pine and mahogany.

Undergrowth, sagebrush, scattering service berry and oak brush.

From the reestablished cor. of secs. 1, 2, 11 and 12.

S.89°01'W., on true line bet. secs. 2 and 11.

Ascend abruptly E. slope over rough mountainous land through medium growth of timber and scattering undergrowth.

4.40 Spur, 135 ft. above sec. cor., projects S.20°E.

4.65 South, 69 lks. distant from line is a sandstone, 17x12x4 ins., firmly set in the ground, marked with 1 groove on E. and WC and 5 grooves on S. face; witnessed by a mound of stone around cor. The marks on this stone appear to be of recent construction and the style of lettering does not agree with the type used by the Deputy Surveyor who made the original survey, neither does the position of the monument agree with any of the calls of the original record or from nearby identified cors. I destroy the grooves on this stone and leave stone standing, marked WC on S. face.

Descend abruptly rugged S. and SW. slopes.

15.00 Ledge, 50 ft. high, 170 ft. below spur, bears NW. and S.20°E.

19.30 Gentile Canyon, 225 ft. below ledge, drains SE.; ascend along general N. slope.

37.00 Draw, 250 ft. above Gentile Canyon, drains NE.; ascend.

39.15 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 18x8x2 ins. lying on the ground, marked  $\frac{1}{4}$  on one face; no accessories to cor.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground and stand original  $\frac{1}{4}$  sec. cor. alongside for  $\frac{1}{4}$  sec. cor., with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

|   |      |
|---|------|
|   | S2   |
| 4 | 511  |
|   | 1924 |

from which

A pinon, 10 ins.diam., bears S.8°E., 58 lks.

dist., marked  $\frac{1}{4}$  S 11 B TA spruce, 7 ins.diam., bears N.26 $\frac{1}{2}$ °W., 54 lks.dist., marked  $\frac{1}{4}$  S 2 B T

Thence

S.88°32'W., with continuous measurement.

Ascend abruptly rough slope of mountain 800 ft. to

61.55 High spur, projects N.5°E. and comes from ridge immediately

S. of line; thence along N. slope near top of ridge.

76.00 Ridge, bears N.60°W. and S.85°E.; descend SW. slope to

80.08 The cor. of secs. 2, 3, 10 and 11.

Land, rough, rugged mountains; general E. exposure and  
SE. drainage.Soil, brown mountain loam and rocky of sandstone form-  
ation; 2nd. and 4th. rates.Timber, cedar, pinon, mahogany and scattering pine and  
spruce.Undergrowth, sagebrush, scattering oak and service berry  
brush.

N.2°22'E., on true line bet. secs. 2 and 3.

Ascend S. slope over rough mountainous land through  
dense timber and medium growth of undergrowth.1.60 High ridge, bears N.60°W. and S.60°E.; leave timber, bear  
with ridge and descend NE. slope.

14.75 Spur, 70 ft. below ridge; projects NE.; descend N. slope.

28.00 Draw, 415 ft. below spur, drains NE.; thence along E.  
slope.31.75 Bottom of Gentile Canyon, 20 ft. below last draw, drains  
E.; enter timber, bears E. and W. and ascend rugged S.  
slope.

38.50 Top of ascent on S. slope, thence over general E. slope.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

40.19

The original  $\frac{1}{4}$  sec. cor. which is a sandstone boulder in place, 8x5x3 ft. showing and exposed to the NE., marked with a cross and  $\frac{1}{4}$  on top; from which

a pine, 10 ins.diam., bears S.19°E., 69 lks.  
dist., marked  $\frac{1}{4}$  S BT

The original field note record describes this cor. as being a sandstone 19x16x12 ins., with a pine bearing tree S.15°E., 65 lks. distant.

The marks on the sandstone boulder are identical in style and the age of same appear consistent with marks on other cors. of the original survey, therefore it is concluded that the sandstone boulder is the original cor. and that the Deputy failed to make proper record of same in his field notes.

Alongside N. edge of boulder,  $4\frac{1}{2}$  lks. N.3°16'W. of the cross,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S3 | S2  
 1924

from which

a cedar, 7 ins.diam., bears N.5°W., 116 lks.  
dist., marked  $\frac{1}{4}$  S 3 B T

Thence

N.3°16'W., with continuous measurement.

Ascend rugged general S. slope.

61.78

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound of stone for north sixteenth-section cor. secs. 2 and 3, with brass cap marked

N 1/16  
 S3 | S2  
 1925

from which

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 S., R. 9 E.

## Chains

A cedar, 10 ins. diam., bears N.  $61\frac{1}{2}^{\circ}$  E., 47 lks.

dist., marked N 1/16 S 2 B T

A pinon, 8 ins. diam., bears S.  $14\frac{3}{4}^{\circ}$  W., 14 lks.

dist., marked N 1/16 S 2 B T

Cor. stands on steep SE. slope.

63.70 Sandstone ledge, 40 ft. high; bears NE. and W.

70.50 Ridge, 750 ft. above Gentile Canyon, bears E. and W.;  
descend on N. and NE. slopes to

83.79 The cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp.  
heretofore described.

Land, rough, rugged mountains; general E. exposure and  
SE. drainage.

Soil, mountain loam and rocky of sandstone formation; 2nd  
and 3rd. rates.

Timber, cedar, pinon, scattering mahogany and spruce.

Undergrowth, sage, oak, service berry brush and grass.

From the reconstructed original cor. of secs. 3, 4, 33 and  
34 on the S. bdy. of the Tp. heretofore described.

N.  $1^{\circ}23'$  E., on true line bet. secs. 33 and 34.

Over rolling bench land sloping S. through short under-  
growth.

5.50 Old road, bears NW. and SE.

9.70 Wash, 25 lks. wide, 12 ft. deep, drains SE.

9.90 Same road, bears NE. and SW.

13.00 Same road, bears NW. and SE.

23.10 Enter scattering timber, bears E. and W.

23.60 Same road, bears N.  $10^{\circ}$  E. and S.  $10^{\circ}$  W.

32.98 Road, bears E. and W.

36.10 Main road, bears E. to Price and Helper and W. to Coal  
City, Utah. Foot of bench, bears E. and W.; ascend.

38.60 Top of bench, bears E. and W.; thence over rolling top.

39.94 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \hline S33 \quad | \quad S34 \\ 1924 \end{array}$$

from which

A pinon, 10 ins.diam., bears N.80°E., 60 lks.

dist., marked  $\frac{1}{4}$  S 34 B T

A pinon, 10 ins.diam., bears N.12°W., 86 lks.

dist., marked  $\frac{1}{4}$  S 33 B T

54.80 Draw, 40 ft. deep, drains S.70°E.; gradually ascend.

59.10 Rise, 50 ft. above draw, bears E. and W.; descend.

63.70 Head of draw, 30 ft. below rise, drains E.; ascend.

69.70 S. edge of wide spur or bench, bears E. and W.

73.10 N. edge of bench, bears E. and W.; descend abruptly N.  
slope 150 ft. to79.88 The original cor. of secs. 27, 28, 33 and 34, which is a  
sandstone, 18x12x10 ins., firmly set in the ground,  
marked with 3 notches on E. and 1 notch on S. edge;  
from whichA pinon, 4 ins.diam., bears N.46 $\frac{1}{2}$ °E.,

33 lks. dist., marked BT

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins.  
in the ground on solid rock and 18 ins. in a mound of  
stone for cor. of secs. 27, 28, 33 and 34, with brass  
cap marked
$$\begin{array}{c} T13S \quad | \quad R9E \\ S28 \quad | \quad S27 \\ \hline S33 \quad | \quad S34 \\ 1924 \end{array}$$

from which

A pinon, 5 ins.diam., bears S.58 $\frac{1}{2}$ °E., 40 lks.

dist., marked T 13 S R 9 E S 34 B T

A pinon, 6 ins.diam., bears S.16 $\frac{1}{2}$ °W., 37 lks.

dist., marked T 13 S R 9 E S 33 B T

A pinon, 8 ins.diam., bears N.18°W., 43 lks.

dist., marked T 13 S R 9 E S 28 B T

Land, rolling and broken bench; general S. exposure and

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

drainage.

Soil, brown and blue clay streaked with rock of sandstone formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

From the reconstructed original cor. of secs. 26, 27, 34, and 35.

N.  $89^{\circ}52'$  W., on true line bet. secs. 27 and 34.

Over low, broken bench land through scrub timber and short undergrowth.

2.40 Low spur, projects SE.; gradually descend.

10.30 Small draw, drains SE.; gradually ascend.

10.63 Power line, bears N.  $26^{\circ}$  E. and S.  $26^{\circ}$  W.

12.50 Low spur, projects SE.

14.70 Old road, bears NW. and SE.

22.90 N. brink of Wildcat Canyon, bears NW. and SE.; descend.

26.30 Bottom of canyon, 70 ft. below spur, drains SE.; ascend.

30.90 S. brink of canyon, bears NW. and SE.

40.00 The original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $24 \times 14 \times 12$  ins., firmly set in the ground, marked  $\frac{1}{4}$  on N. face; no accessories to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \underline{S27} \\ S34 \\ 1924 \end{array}$$

from which

A pinon, 12 ins. diam., bears S.  $47\frac{1}{2}^{\circ}$  W., 119 lks. dist., marked  $\frac{1}{4}$  S 34 B T

A pinon, 12 ins. diam., bears N.  $79\frac{1}{2}^{\circ}$  W., 119 lks. dist., marked  $\frac{1}{4}$  S 27 B T

From  $\frac{1}{4}$  sec. cor., door in old dugout, bears N.  $42\frac{1}{2}^{\circ}$  E., about 10 chs. distant.

Thence

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

S.89°28'W., with continuous measurement.

Over low rolling and broken bench land.

79.71 The cor. of secs. 27, 28, 33 and 34.

Land, broken bench; general SE. exposure and drainage.

Soil, clay loam and rocky of sandstone formation; 2nd.  
and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

N.2°20'W., on true line bet. secs. 27 and 28.

Over broken bench land through medium growth of scrub  
timber and short undergrowth.

5.00 Draw, 65 ft. below sec. cor., drains NE.; gradually ascend.

8.00 S. brink of Wildcat Canyon, bears E. and W.; descend.

9.80 Bottom of Wildcat Canyon and small seep of alkaline water,  
50 ft. below brink, course E.; ascend.

12.50 N. brink of canyon, bears E. and W.

18.97 From this point an old railroad Tie House, bears E. about  
60 ft. distant.

19.80 Small spur, 70 ft. above canyon, projects SW.

22.30 Old road, bears E., E. about 2 chs. thence SW.

23.27 From this point an old dugout bears E. about 2 chs.  
distant.

24.00 Utah Railroad right-of-way fence, bears N.70°E. and S.25°W.

24.80 Telegraph line, bears N.70°E. and S.25°W.

27.00 Center Utah Railroad track on a curve, bears N.70°E.  
and S.25°W.32.50 Utah Railroad right-of-way fence, bears N.70°E. and S.  
25°W.

40.26½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
the ground for ½ sec. cor., with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ | \\ S28 \quad | \quad S27 \\ | \\ 1925 \end{array}$$

from which

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

A pinon, 8 ins.diam., bears N.12 $\frac{1}{2}$ °E., 96 lks.  
dist., marked  $\frac{1}{2}$  S 27 B T

A pinon, 8 ins.diam., bears N.89 $\frac{1}{2}$ °W., 134 lks.  
dist., marked  $\frac{1}{4}$  S 28 B T

46.70 Draw, drains E.; ascend.

48.50 Low spur, projects E. about 5 chs. to end; descend.

50.60 Draw, drains E.; ascend S. slope.

64.50 Spur, 195 ft. above draw, comes from a rocky bench to the E. and projects W. about 2 $\frac{1}{2}$  chs. distant; thence along broken rocky W. slope.

77.00 Ravine, 50 ft. below spur, drains S.10°W.; thence along E. slope

80.53 Proportionate point for the cor. of secs. 21, 22, 27, and 28 falls on sandstone boulder, 5x5x3 ft. showing; at exact cor. point mark a cross (X) and at a point 2 lks. S. or on S. side of boulder,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 21, 22, 27 and 28, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S21  | S22 |
| S28  | S27 |
| 1925 |     |

from which

A pinon, 10 ins.diam., bears S.48 $\frac{3}{4}$ °E., 181 lks.  
dist., marked T 13 S R 9 E S 27 B T

A pinon, 8 ins.diam., bears S.41°W., 53 lks.  
dist., marked T 13 S R 9 E S 28 B T

No other trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Land, rough broken bench land; general S. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth sagebrush and shadscale.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

From the reconstructed original cor. of secs. 22, 23, 26, and 27.

S.  $88^{\circ}04'$  W., on true line bet. secs. 22 and 27.

Over rough broken bench land through scrub timber and scattering undergrowth.

1.90 Small draw, drains S.; ascend.

12.80 Spur, 75 ft. above draw, projects S. about 2 chs. distant, thence SE.; gradually descend.

18.10 Draw, 45 ft. below spur, drains S.; ascend.

18.70 Telegraph line, bears NE. and SW.

19.54 Utah Railroad right-of-way fence, bears NE. and SW.

20.32 Utah Railroad, bears NE. and SW.

20.89 Utah Railroad right-of-way fence, bears NE. and SW.

27.30 Draw, drains S.  $10^{\circ}$  E.; ascend steep NE. slope.

40.46 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in amount of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \frac{S22}{S27} \\ 1925 \end{array}$$

from which

A pinon, 8 ins. diam., bears S.  $75\frac{3}{4}^{\circ}$  E., 140 lks. dist., marked  $\frac{1}{4}$  S 27 B T

A cedar, 6 ins. diam., bears N.  $37\frac{1}{2}^{\circ}$  W., 160 lks. dist., marked  $\frac{1}{4}$  S 22 B T

43.10 Sharp rocky spur, 240 ft. above draw, projects SE.; a low saddle in spur, bears NW. about 10 chs. distant; descend abruptly W. slope.

54.50 Ravine, 275 ft. below spur, drains S.; ascend abruptly.

71.80 Spur, 240 ft. above ravine, projects S.  $20^{\circ}$  E.; descend W. slope 250 ft. to

78.90 Ravine. drains S.  $10^{\circ}$  W.; ascend.

80.93 The cor. of secs. 21, 22, 27, and 28.

Land, rough, rocky, broken bench land; general S. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T11P112

Chains

formation; 2nd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

N.1°49'E., on true line bet. secs. 21 and 22.

Ascend abruptly over general S. break of mesa over ledges  
and boulders and through scattering scrub timber and  
short undergrowth.

33.00 Ledge, 60 ft. high, bears E. and W.

38.00 Top of ledge and S. rim of mesa, 900 ft. above sec. cor.  
bears E. and W.; thence over nearly level top.

40.25 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S21} \mid \text{S22} \\ 1925 \end{array}$$

from which

A pinon, 12 ins.diam., bears S.83°E., 59 lks.

dist., marked  $\frac{1}{4}$  S 22 B T

A cedar, 8 ins.diam., bears S.58°W., 38 lks.

dist., marked  $\frac{1}{4}$  S 21 B T

Cor. stands on gentle NE. slope of small knoll on top  
of mesa.

44.15 N. rim of mesa, bears E. and W.; descend abruptly steep  
general N. slope leaving dense timber and entering  
heavy undergrowth.

67.50 Draw, drains N.10°W.; thence on near level line.

69.00 Spur, projects N.10°W.; descend into canyon.

75.20 Bottom of canyon, 760 ft. below mesa, drains NE.; leave  
undergrowth and enter dense scrub timber; ascend  
S. slope strewn with boulders 150 ft. to

80.50 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in  
the ground on solid rock and 10 ins. in a mound of  
stone for cor. of secs. 15, 16, 21 and 22, with brass



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.9 E.

Chains

cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S16  | S15 |
| S21  | S22 |
| 1925 |     |

from which

A pinon, 10 ins.diam., bears N.86 $^{\circ}$  E., 31 lks.

dist., marked T 13 S R 9 E S 15 B T

A pinon, 4 ins.diam., bears S.46 $^{\circ}$  E., 33 lks.

dist., marked BT

A large sandstone boulder, marked X BO S16,

bears N.37 $^{\circ}$  W., 39 lks. distant.

No other bearing trees or objects available.

Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$  ft.high, W.of cor.

Land, rough mountainous; general S. exposure and drainage

on S. 38.00 chs. and N. exposure and NE. drainage on  
remainder of mile.Soil, brown and blue clay loam and rocky of sandstone  
formation; 2nd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush, shadscale, service berry, buck  
and oak brush.From the reconstructed original cor. of secs. 14, 15, 22,  
and 23.S.89 $^{\circ}$ 53' W., on true line bet. secs. 15 and 22.Along general S. slope near bottom of Spring Canyon over  
broken bench land through scattering scrub timber and  
short undergrowth.

2.66 Utah Railroad, on a curve, bears NE. and W.

5.22 Same railroad, bears NW. and E.

15.00 Mouth of ravine; drains SE.

17.20 Utah Railroad, bears NE. and SW.

20.15 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for east sixteenth-section cor. bet. secs.  
15 and 22, with brass cap markedE 1/16 S15

S22

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

from which

A cedar, 8 ins. diam., bears N.  $60\frac{1}{4}^{\circ}$  E., 235 lks.  
dist., marked E 1/16 S 15 B T

A pinon, 10 ins. diam., bears S.  $29\frac{1}{2}^{\circ}$  W., 100 lks.  
dist., marked E 1/16 S 22 B T

Cor. stands on steep E. clay slope about 50 ft. above  
railroad track.

Continue ascent.

31.60 Spur, 200 ft. above ravine, projects S.  $30^{\circ}$  E.; from this  
point the E. end of rock house, bears S.  $81\frac{1}{2}^{\circ}$  W.;  
chimney on store, bears S.  $73\frac{1}{4}^{\circ}$  W.

Thence along rough, rocky S. slope.

40.30 The original  $\frac{1}{4}$  sec. cor., which is a sandstone boulder  
in place, 7x5x3 ft. showing, marked with a cross and  
 $\frac{1}{4}$  on top face; no accessories to cor.

Alongside E. edge of boulder,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \underline{S \ 15} \\ S22 \\ 1924 \end{array}$$

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
No suitable bearing trees available.

Thence

S.  $85^{\circ}56'$  W., with continuous measurement.

41.07 From this point, chimney on store, bears S.  $31^{\circ}$  W.; houses  
and shacks extend NW. and SE. from store about 5 chs.  
distant. Descend into Spring Canyon.

44.11 Utah railroad, on a curve the tangent to which bears  
N.  $66^{\circ}$  W. and S.  $66^{\circ}$  E.; E. side of tipple at Peerless  
Coal Mine, bears N.  $57^{\circ}40'$  W.; E. side rock house, bears  
S.  $9^{\circ}$  W.

47.20 Main highway, bears SE. to Helper and NW. to Spring  
Canyon Mining Camps.

49.15 Telephone line, bears NW. and SE.

50.34 Spring Canyon branch of D. & R. G. Ry., bears N.  $59^{\circ}$  W. and  
S.  $62^{\circ}$  W.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

| Chains              |   |
|---------------------|---|
| 51.04               | Telegraph line, bears NW. and SE.   |
| 52.64               | Power line, bears NW. and SE.   |
| 54.50               | Bottom of Spring Canyon and stream 10 lks. wide, 1 in. deep, in wash 1 ch. wide, 15 ft. deep, course SE.; mouth of a canyon from the SW. joins Spring Canyon at this point. Thence along N. slope near bottom of canyon from the W.   |
| 55.45               | Power line, bears NW. and SE.   |
| 58.28 $\frac{1}{2}$ | Point for the west sixteenth-section cor. bet. secs. 15 and 22 will fall in wash in canyon where cor. cannot be perpetuated, therefore, at this point,<br>Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for witness cor. to the west sixteenth-section cor. bet. secs. 15 and 22, with brass cap marked<br><div style="text-align: center;">WCW 1/16 <u>S15</u><br/>S22<br/>1925</div> from which<br>A pinon, 8 ins.diam.,bears N.58 $\frac{1}{2}$ °E., 20 lks. dist.,marked W C W 1/16 S 15 B T<br>A pinon, 16 ins.diam.,bears S.10 $\frac{1}{2}$ °E., 74 lks. dist.,marked W C W 1/16 S 22 B T |
| 60.28 $\frac{1}{2}$ | Bottom of canyon and wash, 50 lks. wide, 5 ft. deep, drains N.85°E.; point for west sixteenth-section cor. bet. secs. 15 and 22 in wash.<br>Thence ascend along rough, rocky S. slope of canyon through dense timber.   |
| 80.27               | The cor. of secs. 15,16,21 and 22.<br>Land, rough bench land, mountainous and rolling canyon bottom; general SE. exposure and drainage.<br>Soil, brown and blue clay and rocky of sandstone formation; 2nd. and 4th. rates.<br>Timber, cedar and pinon:<br>Undergrowth, sagebrush and shadscale.  |

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 N., R. 3 E.

|        |   |
|--------|---|
| Chains | N. 0° 04' E., on true line bet. secs. 15 and 16.<br>Ascend abruptly S. slope over rough mountainous land through scrub timber and scattering undergrowth.   |
| 5.70   | Top of sandstone ledge, 80 ft. high and S. rim of narrow bench, near E. end of same, 250 ft. above sec. cor., bears E. and W.; thence across top of bench.  |
| 10.80  | N. rim of bench, bears N. 80° W. and S. 80° E.; descend abruptly N. slope into Spring Canyon.   |
| 20.11½ | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for south sixteenth-section cor. bet. secs. 15 and 16, with brass cap marked<br><div style="text-align: center;">           S 1/16<br/>           S16   S15<br/>           1925         </div> from which<br>A pinon, 8 ins. diam., bears S. 31½° E., 82 lks.<br>dist., marked S 1/16 S 15 B T<br>A pinon, 10 ins. diam., bears S. 77½° W., 56 lks.<br>dist., marked S 1/16 S 16 B T |
| 21.30  | Bottom of Spring Canyon and stream 5 lks. wide, 2 ins. deep, in wash, 1 ch. wide, 5 ft. deep, 500 ft. below bench, course S. 60° E.; leave timber, thence across bottom of Spring Canyon.   |
| 22.10  | Power line, bears NW. and SE.   |
| 22.80  | Power line, bears NW. and SE.   |
| 24.20  | Telegraph line, bears NW. and SE.   |
| 24.80  | Spring Canyon branch of D. & R. G. Ry., bears N. 47° 10' W. and S. 47° 10' E.   |
| 25.00  | Power line, bears E. and W.   |
| 25.20  | Telephone line, bears NW. and SE.   |
| 26.50  | A group of small houses, bears NW. about 2 chs. and extend SE. about 4 chs. distant.  |
| 28.00  | Siding on Utah Railroad leading to tipple at Peerless Coal Mine, bears N. 75° W. and S. 75° E.  |
| 28.40  | Siding on Utah Railroad leading to Tipple at Peerless Coal Mine, bears N. 75° W. and S. 75° E.  |

## DEPENDENT RESURVEY OF THE SUBLIVISION OF T.13 S., R.9 E.

## Chains

- 29.00 Utah Railroad main line track, bears N.75°W. and S.75°W.
- 29.25 Main highway in Spring Canyon, bears N.75°W. to Mining Camps in Spring Canyon and S.75°W. to Helper, Utah.; buildings extend N.75°W. and S.75°W. along N. side of highway and the main residence portion of Peerless, Utah, bears westerly from 10 to 20 chs. distant.
- 30.00 Tipple at Peerless Coal Mine, bears W. about 10 chs. distant.
- 30.50 Newly constructed rock building on line; begin precipitous ascent S. slope over boulders and ledges and through dense scrub timber.
- 36.75 Top of ledge 50 ft. high and S. rim of bench, bears W. and W.; continue ascent.
- 40.23 Proportionate point.
- Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S16} \mid \text{S15} \\ 1925 \end{array}$$

from which

A pinon, 10 ins.diam., bears N.86°W., 99 lks.  
dist., marked  $\frac{1}{4}$  S 15 B T

A cedar, 8 ins.diam., bears S.38°W., 72 lks.  
dist., marked  $\frac{1}{4}$  S 16 B T

Cor. stands on top of spur, 350 ft. above Spring Canyon, projects SW.; thence along rough, rugged W. slope.

- 60.34 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a mound of stone in crevice of rocks for north sixteenth-section cor. bet. secs. 15 and 16, with brass cap marked

$$\begin{array}{c} \text{N } 1/16 \\ \text{S16} \mid \text{S15} \\ 1925 \end{array}$$

from which

A pine, 12 ins.diam., bears N.15°W., 148 lks.  
dist., marked N 1/16 S 16 B T

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.9 E.

Chains

A pinon, 14 ins.diam., bears S.45½°E., 77 lks.

dist.,marked N 1/16 S 15 B T

Cor. stands on steep, rugged W. slope:

61.80 Point of sandstone ledge, bears NE. and SE.; descend.

69.70 Canyon, drains S.15°W.; ascend.

70.50 Power line, bears N.10°E. and S.10°W.

71.00 Center of 3 rail tramway leading from Peerless Coal Mines  
to tippie, bears N.10°E. and S.10°W.; ascend over  
ledges.72.00 Top of ledges, 70 ft. high, bears N.10°E. and SW.; thence  
along rugged W. slope to

80.16 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in  
the ground on solid rock and 16 ins. in a large mound  
of stone for cor. of secs. 9,10,15 and 16, with brass  
cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S9   | S10 |
| S16  | S15 |
| 1925 |     |

from which

A pinon, 10 ins.diam.,bears N.1½°E., 12 lks.

dist.,marked T 13 S R 9 E S 10 B T

A pinon, 8 ins.diam.,bears S.23½°E., 79 lks.

dist.,marked T 13 S R 9 E S 15 B T

A pinon, 8 ins.diam.,bears S.44½°W., 10 lks.

dist.,marked T 13 S R 9 E S 16 B T

A pinon, 10 ins.diam., bears N.72½°W., 35 lks.

dist.,marked T 13 S R 9 E S 9 B T

Cor. stands on rugged E. slope near bottom of canyon  
draining S. and from which entry to Peerless No. 1  
Coal Mine, bears N.42½°E. about 7 chs. distant; entry  
to Peerless No. 2 Coal Mine, bears S.17½°E., about  
5 chs. distant; power house at terminal of tramway  
from coal mines to tippie at Peerless bears N.26½°E.  
about 5 chs. distant; power station for tramway into  
No.1 mine at Peerless bears N.67½°E. about 5 chs.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.9 E.

Chains

Land, rough, rugged mountains sloping and draining into Spring Canyon.

Soil, clay and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, scrub cedar and pinon and scattering pine.

Undergrowth, sagebrush, shadscale and scattering oak and service berry brush.

Indications of coal on portion of mile N. of Spring Canyon.

From the reestablished cor. of secs. 10, 11, 14 and 15.

N. 89° 52' W., on true line bet. secs. 10 and 15.

Ascend abruptly over rough mountainous land through dense timber and scattering undergrowth.

3.30 Leave dense timber, bears N. and S.

13.00 Spur, 350 ft. above sec. cor., projects N.; descend.

17.80 Head of ravine, 150 ft. below spur, drains N.; ascend along steep N., NE. and E. slopes.

20.05 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for east sixteenth-section cor. bet. secs. 10 and 15, with brass cap marked

E 1/16  $\frac{S10}{1925}$

from which

A pine, 10 ins. diam., bears N. 26½° E., 196 lks.

dist., marked E 1/16 S 10 B T

A pine, 24 ins. diam., bears S. 26½° W., 139 lks.

dist., marked E 1/16 S 15 B T

Cor. stands on steep, grassy N. slope.

33.30 Top of ridge and divide bet. Hardscrabble and Spring Canyons, 400 ft. above ravine, bears N. and S.; descend abruptly nearly W. slope through dense timber.

40.10 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{S \ 10}{S \ 15} \\ 1925 \end{array}$$

from which

A pinon, 12 ins.diam., bears S.33°E., 19 lks.

dist., marked  $\frac{1}{4}$  S 15 B T

A cedar, 8 ins.diam., bears N.3°W., 74 lks.

dist., marked  $\frac{1}{4}$  S 10 B T

Cor. stands in ravine, 200 ft. below ridge, heads at ridge about 8 chs. N. and drains S.15°W.; ascend abruptly over SE. and E. slopes.

57.40 High spur, 350 ft. above  $\frac{1}{4}$  sec. cor., projects S.15°W.; leave dense timber and descend abruptly over general W. slope.

60.15 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for west sixteenth-section cor. bet. secs. 10 and 15, with brass cap marked

$$\begin{array}{r} W \ 1/16 \quad \frac{S10}{S15} \\ 1925 \end{array}$$

from which

A pinon, 8 ins.diam., bears S.71 $\frac{1}{2}$ °W., 199 lks.

dist., marked W 1/16 S 15 B T

No other bearing trees are available and other accessories are impracticable.

76.15 Power line, bears N. and S.

77.50 Canyon, 600 ft. below spur, drains S.10°W.; ascend abruptly E. slope.

78.90 Middle point of double track tramway from Peerless Coal Mine to tipple, bears N.10°E. and S.10°W.

80.20 The cor. of secs. 9,10,15 and 16, 80 ft. above canyon. Land, rough, rugged mountains; general N. and S. exposure and drainage into Hardscrabble and Spring Canyons. Soil, mountain loam and rocky of sandstone formation;

2nd. and lith. rates.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

Timber, cedar and pinon with a few scattering pine on the N. slopes.

Undergrowth, sage, oak, service berry brush and grass.

N.0°51'W., on true line bet. secs. 9 and 10.

Ascend E. and SE. slopes over rugged mountainous land through dense timber and scattering undergrowth.

11.25 Head of draw, drains SE.; ascend abruptly SE. slope.

22.75 Ridge and divide bet. Spring Canyon and tributaries to Sowbelly Gulch, 550 ft. above sec. cor., bears NE. and SW.; leave dense timber; descend over NW. slope.

31.60 Draw, heads about 5 chs. E. and drains W., 225 ft. below ridge; large pine timber in draw; ascend SW. and W. slopes.

40.23½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S9 | S10  
 1925

from which

A pinon, 14 ins.diam., bears S.51½°E., 98 lks.  
dist., marked  $\frac{1}{4}$  S 10 B T

A pinon, 14 ins.diam., bears N.73°W., 239 lks.  
dist., marked  $\frac{1}{4}$  S 9 B T

Continue ascent.

55.00 Ridge and divide bet. Hardscrabble Canyon and tributaries to Sowbelly Gulch, 275 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; descend along E. slope across head of draw draining E.

61.50 Spur, projects nearly E.; descend abruptly N. slope.

66.50 Draw, 350 ft. below ridge, drains NE.; ascend.

71.50 Spur, 50 ft. above draw, projects E.; descend.

75.00 Draw, drains SE.; ascend abruptly S. slope 100 ft. to

80.47 Proportionate point.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

entered

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 3, 4, 9 and 10, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S4   | S3  |
| S9   | S10 |
| 1925 |     |

from which

A cedar, 10 ins. diam., bears N.  $63\frac{1}{4}^{\circ}$  E., 60 lks.

dist., marked T 13 S R 9 E S 3 B T

A cedar limb, 8 ins. diam., bears S.  $52^{\circ}$  E., 74 lks.

dist., marked T 13 S R 9 E S 10 B T

A cedar, 18 ins. diam., bears S.  $36\frac{1}{4}^{\circ}$  W.,  $30\frac{1}{2}$  lks.

dist., marked T 13 S R 9 E S 9 B T

A cedar, 10 ins. diam., bears N.  $83\frac{1}{4}^{\circ}$  W., 56 lks.

dist., marked T 13 S R 9 E S 4 B T

Land, rough mountainous.

Soil, mountain loam and rocky of sandstone formation;

2nd. and 4th. rates.

Timber, cedar and pinon with scattering pine in the bottom of draws.

Undergrowth, sage, oak, service berry brush, mahogany and grass.

From the reestablished cor. of secs. 2, 3, 10 and 11.

N.  $88^{\circ}45'$  W., on true line bet. secs. 3 and 10.

Along general S. slope over rough mountainous land through medium growth of timber and undergrowth.

5.00 The E. point of a high ledge bearing E. and W. on top of ridge, bears N. about 4 chs. distant.

17.80 Spur, projects S.; descend abruptly.

31.80 Draw, 600 ft. below spur, drains S.; ascend.

35.00 Ledge, 30 ft. high, bears N. and SW.

35.60 Spur, 60 ft. above draw, projects SW.; descend.

40.86 $\frac{1}{2}$  Proportionate point.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   $\frac{S3}{S10}$   
 1925
- from which
- A pinon, 14 ins. diam., bears S.  $74^{\circ}$  E., 142 lks.  
 dist., marked  $\frac{1}{4}$  S 10 B T
- A pinon, 8 ins. diam., bears N.  $62^{\circ}$  W., 126 lks.  
 dist., marked  $\frac{1}{4}$  S 3 B T
- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 51.00 Bottom of Hardscrabble Canyon, 300 ft. below spur, drains SE.; ascend SE. and S. slopes along N. side of draw draining E., 500 ft. to
- 81.73 The cor. of secs. 3, 4, 9 and 10.
- Land, rough mountainous; general S. exposure and drainage. Soil, brown mountain loam and rocky of sandstone formation; 2nd. and 4th. rates.
- Timber, cedar and pinon.
- Undergrowth, sage, oak, service berry brush, mahogany and grass.
- 
- N.  $0^{\circ}06'$  W., on true line bet. secs. 3 and 4.
- ascend abruptly S. slope over rough mountainous land through scattering timber and undergrowth.
- 2.60 Leave timber, bears E. and W.
- 7.50 Spur, 350 ft. above sec. cor., projects E.; descend abruptly N. slope.
- 19.00 Ravine, 450 ft. below spur, drains NE.; thence along E. slope.
- 23.00 Ravine, drains SE. about  $3\frac{1}{2}$  chs. to junction with ravine at 19.00 chs., thence E; enter scrub timber and begin precipitous ascent over S. slope.
- 34.25 Foot of sandstone ledges, about 250 ft. high, bears E. and W.
- 36.50 Top of ledges, bears E. and W.; continue ascent.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

- 40.23 Proportionate point for  $\frac{1}{4}$  sec. cor. falls on sandstone ledge bearing E. and W., where cor. cannot be set; therefore at
- 40.53 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   
 S4 | S3  
 WC  
 1925
- from which  
 A pinon, 16 ins.diam., bears N.32°E., 110 lks:  
 dist., marked W C  $\frac{1}{4}$  S 3 B T  
 A Mahogany, 14 ins.diam., bears N.61°W., 61 lks.  
 dist., marked W C  $\frac{1}{4}$  S 4 B T
- Cor. stands on steep S. slope 900 ft. above ravine.  
 From the cor., tipple at mine in Hardscrabble Canyon,  
 bears S.35°34'E.; entry to mine about 2 chs. W. of tipple  
 Continue ascent through dense mahogany timber.
- 48.00 Ridge, 150 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.; leave dense timber and descend over N. slope.
- 60.35 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for north sixteenth-section cor. bet. secs. 3 and 4, with brass cap marked
- N 1/16  
 S4 | S3  
 1925
- from which  
 A yellow pine, 18 ins.diam., bears S.28°E., 254 lks. dist., marked N 1/16 S 3 B T  
 A pine, 12 ins.diam., bears S.61 $\frac{1}{2}$ °W., 140 lks.  
 dist., marked N 1/16 S 4 B T
- 63.00 Enter dense pine timber, bears NE. and SW.
- 66.00 Draw, drains NE.; thence along E. slope.
- 71.00 Canyon, 660 ft. below ridge, drains SE.; leave dense timber and ascend abruptly over S. slope.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

| Chains |  |
|--------|--|
| 80.59  | The cor. of secs. 3 and 4 on the N. bdy. of the Tp., heretofore described, 300 ft. above canyon.<br>Land, rough mountainous.<br>Soil, brown mountain loam and rocky of sandstone formation; 2nd. and 4th. rates.<br>Timber, cedar and pinon with scattering pine.<br>Undergrowth, sage, oak, service berry brush and mahogany.   |
|        | From the cor. of secs. 32 and 33 on the S. bdy. of the Tp. heretofore described.<br>N.1° 24'E., on true line bet. secs. 32 and 33.<br>Over rough broken bench land through medium growth of scrub timber and short undergrowth.  |
| 2.20   | Draw, 50 ft. below sec. cor., drains SW.; ascend.  |
| 16.40  | Sandstone outcropping, 10 ft. high, bears NW. and SE.  |
| 20.50  | Ridge, 210 ft. above sec. cor., bears NW. and SE.; thence over broken ground.  |
| 39.72  | Proportionate point.<br>Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked<br><div style="text-align: center;"> <math>\frac{1}{2}</math><br/> S32   S33<br/> 1925 </div> from which<br>A pinon, 6 ins.diam., bears S.32°E., 86 lks.<br>dist., marked $\frac{1}{4}$ S 33 B T<br>A pinon, 6 ins.diam., bears S.48°W., 74 lks.<br>dist., marked $\frac{1}{4}$ S 32 B T |
| 42.40  | Draw, 30 ft. deep, drains E.; gradually ascend.  |
| 48.30  | Draw, drains E.  |
| 57.70  | Spur, projects E.; gradually descend.  |
| 61.50  | Road, bears E. to Price and Helper and W. to Coal City, Ut.  |
| 72.70  | Old road from Price and Helper to Coal City, Utah, bears E. and W.   |
| 79.44  | The true point for original cor. of secs. 28, 29, 32, and 33.<br>From this point, the original cor. monument, a sandstone  |

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

26x14x10 ins., loosely set in the ground with mound of stone around cor., marked with 4 notches on E. and 1 notch on S. edge, bears N.59°08'W., 8.39 chs. dist. The true point for the original cor. referred to is the point where the original cor. monument was found by J.C. Thoma, U. S. cadastral engineer during his investigation in T.13 S., R.9 E., under Group 123, Utah, in 1922, and which is in substantial agreement with the original record. This true cor. point was later preserved by Wm. Morgan a resident in this vicinity and who was an eye witness to a party of 2 men who removed the monument from its original site and placed it where it was found in 1925. Immediately after the removal of the monument, said Wm. Morgan placed a cedar hub at the true cor. point, or at the point where the cor. was found by Engineer Thoma and where to Morgan's knowledge the cor. has always stood. I find the hub set by Wm. Morgan and I also find that this point agrees with the data recorded in Engineer Thoma's field tablets for the position of the cor. with reference to other nearby original cors. I also note that conditions at the site where the monument was found by me indicate that it has not been established at this point any length of time; therefore, I remove the monument and return it to the true cor. point, or its original position and set the cor. stone, 16 ins. in the ground, marked with 4 notches on E. and 1 notch on S. edge, and alongside stone,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 28, 29, 32, and 33, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S29  | S28 |
| S32  | S33 |
| 1925 |     |

from which

Sandstone boulder, 10x6x3 ft. showing, marked

X BO S28, bears N.28°43'E., 61 lks. distant.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

Sandstone boulder, 3x2x2 ft. showing, marked

X B0 S29, bears N.40°41'W., 70 lks. distant.

No other bearing objects available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and broken bench; general S. exposure and drainage.

Soil, brown loam and rocky of sandstone formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

From the reconstructed original cor. of secs. 27, 28, 33 and 34.

N.86°18'W., on true line bet. secs. 28 and 33.

Over rolling land through scrub timber and short undergrowth.

3.10 Small draw, drains N.

10.00 Wash, 10 lks. wide, 3 ft. deep, drains N.

11.80 Wash, 20 lks. wide, 4 ft. deep, drains N.

17.40 Leave timber, bears N. and S.

20.17 Utah Railroad right-of-way fence, bears NE. and SW.

20.60 Telegraph line, bears NE. and SW.

22.20 Utah Railroad, bears NE. and SW.

23.90 Utah Railroad right-of-way fence, bears NE. and SW.

46.61 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x10x5 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face; no accessories to cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S28}{S33}$$

1925

from which

A cedar, 24 ins. diam., bears N.17½°E., 365 lks.

dist., marked  $\frac{1}{4}$  S 28 B T

No other bearing trees available.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Thence  
 S.  $84^{\circ}41'$  W., with continuous measurement.
- 72.65 Wash, 10 lks. wide, 3 ft. deep, drains NE., comes from  
 the west; thence along wash.
- 78.50 Leave wash, turns NW.
- 80.61 The cor. of secs. 28, 29, 32 and 33.  
 Land, rolling.  
 Soil, brown loam streaked with rock of sandstone form-  
 ation; 2nd. and 3rd. rates.  
 Timber, cedar and pinon on E. portion of mile.  
 Undergrowth, sagebrush, shadscale and yellow top.  
 N.  $2^{\circ}38'$  W., on true line bet. secs. 28 and 29.  
 Over rolling land through scattering scrub timber and  
 short undergrowth.
- .60 Wash, 10 lks. wide, 3 ft. deep, drains S.  $80^{\circ}$  E.
- 21.00 S. rim of Wildcat Canyon, bears E. and W.; enter heavier  
 timber; descend.
- 24.00 Wildcat Canyon and wash, 1 ch. wide, 5 ft. deep, comes  
 from the N. and drains E.; thence in canyon.
- 35.00 Leave canyon wash, turns W; gradually ascend.
- 39.95 Proportionate point.  
 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked  
 $\frac{1}{4}$   
 S29 | S28  
 1925  
 from which  
 A pinon, 8 ins. diam., bears N.  $88^{\circ}$  E., 148 lks.  
 dist., marked  $\frac{1}{4}$  S 28 B T  
 A pinon, 16 ins. diam., bears S.  $11^{\circ}$  W., 188 lks.  
 dist., marked  $\frac{1}{4}$  S 29 B T
- 41.00 N. rim of Wildcat Canyon, 75 ft. above wash, bears E.  
 and W.; gradually ascend.
- 55.00 Rim of bench, bears E. and W.; thence over rough, broken  
 bench land crossing numerous unimportant small spurs  
 and washes.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

64.00 Draw, drains SE., 60 ft. below rim of bench; ascend.

79.90 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for cor. of secs. 20, 21, 28 and 29, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S20  | S21 |
| S29  | S28 |
| 1925 |     |

from which

Sandstone boulder, 4x4x3 ft. showing, marked

A B0 S20, bears N.78 $\frac{1}{2}$ °W., 9 lks. dist.

No other bearing objects or trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land, rolling and broken bench; general S. exposure and drainage.

Soil, brown and blue clay loam streaked with rock of sandstone formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush.

From the reestablished cor. of secs. 21, 22, 27 and 28.

S.89°33'W., on true line bet. secs. 21 and 28.

Over rough mountainous land along general S. breaks of mesa through scattering scrub timber and short undergrowth. Ascend.

2.40 Spur, projects S. about 5 chs. distant; descend.

4.10 Gulch, 70 ft. below spur, drains SE.; ascend steep S. and SE. slopes.

10.40 Spur, 120 ft. above gulch, projects S.; descend abruptly.

12.90 Draw, 85 ft. below spur, drains S.; ascend abruptly.

16.60 Spur, 100 ft. above draw, projects SE. about 5 chs. distant; descend W. slope.

18.30 Draw, 40 ft. below spur, drains SE.; ascend abruptly.

27.00 Spur, 200 ft. above draw, projects SE.; descend.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

- 30.80 Head of draw, drains SE.; ascend abruptly over ledges and boulders.
- 35.50 Top of sandstone ledge, 25 ft. high, bears NE. and SW.
- 40.36 Proportionate point.  
Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \text{ S21} \\ \hline \text{S28} \\ 1925 \end{array}$$
- from which
- Sandstone boulder, 3x3x3 ft., marked X B0 S28, bears S.  $58\frac{1}{4}^\circ$  W., 20 lks. distant.
- A pinon, 8 ins. diam., bears N.  $77\frac{3}{4}^\circ$  W., 32 lks. dist., marked  $\frac{1}{4}$  S 21 B T
- Cor. stands on top of sharp rocky spur, projects SE. about 3 chs., thence S.; descend along broken S. slope.
- 42.60 Head of draw, 60 ft. below spur, drains SW.; ascend.
- 45.90 Spur, 50 ft. above draw, projects SW. about 3 chs. dist. descend.
- 49.20 Head of draw, drains S.; 70 ft. below spur; ascend.
- 52.90 Spur, projects S. about 1 ch. thence SW. about 10 chs. distant; descend.
- 54.20 Top of sandstone ledge, 20 ft. high, bears NW. and SE.
- 58.00 Draw, 160 ft. below spur, drains SW. about 8 chs. thence S.; gradually ascend.
- 64.40 Spur, 40 ft. above draw, projects SW.; descend.
- 75.80 Draw, 100 ft. below spur, drains S.; thence along broken S. slope.
- 80.72 The cor. of secs. 20, 21, 28 and 29.  
Land, rough mountainous; general S. exposure and drainage.  
Soil, blue clay and rocky or sandstone formation; 3rd. and 4th. rates.  
Timber, scrub cedar and pinon.  
Undergrowth, sagebrush and shadscale.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

N.2°37'E., on true line bet. secs. 20 and 21.

Ascend general S. slope of break of mesa over rough mountainous land through scattering timber and undergrowth.

5.00 Sandstone ledge, 15 ft. high, bears E. and W.

10.00 Top of ledge and S. brink of mesa, 200 ft. above sec. cor. bears E. and W.; thence across mesa.

20.00 Begin precipitous ascent over ledges and boulders and through medium growth of timber.

39.95 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S20} \mid \text{S21} \\ 1925 \end{array}$$

from which

Face of large sandstone boulder, marked X B0 S21, bears N.38°10'E., 21 lks. distant.

A pinon, 20 ins. diam., bears S.73°W., 119 lks. dist., marked  $\frac{1}{4}$  S 20 B T

Cor. stands on rugged S. slope about 500 ft. above brink of mesa; continue abrupt ascent.

42.30 Ledge, 40 ft. high, bears E. and W.

52.00 High spur, 700 ft. above brink of mesa, projects E.; descend abruptly over N. slope.

69.30 Canyon, 600 ft. below spur, drains E.; ascend abruptly 350 ft. over S. slope broken by ledges.

79.90 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 16, 17, 20 and 21, with brass cap marked

$$\begin{array}{c} \text{T13S} \mid \text{R9E} \\ \text{S17} \mid \text{S16} \\ \hline \text{S20} \mid \text{S21} \\ 1925 \end{array}$$

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

from which

A pinon, 18 ins.diam., bears N.40°E., 127 lks.

dist., marked T 13 S R 9 E S 16 B T

A pinon, 14 ins.diam., bears S.77½°E., 11 lks.

dist., marked T 13 S R 9 E S 21 B T

A mahogany, 8 ins.diam., bears S.65½°W., 24 lks.

dist., marked BT

A pinon, 14 ins.diam., bears N.17°W., 39 lks.

dist., marked T 13 S R 9 E S 17 B T

Land, rough, rugged mountains; general S. exposure and SE. drainage.

Soil, brown and blue clay and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, cedar, pinon, mahogany and a few scattering pine.

Undergrowth, sagebrush and scattering service berry brush

From the reestablished cor. of secs. 15, 16, 21 and 22. S.89°13'W., on true line bet. secs. 16 and 21.

Ascend abruptly rugged S. slope over mountainous land through scattering scrub timber and undergrowth; surface strewn with large boulders and broken by sandstone ledges and outcroppings.

21.00 Sandstone ledge, 25 ft. high, bears NE. and SW.

27.00 Sandstone ledge, 20 ft. high, bears NE. and SW.

31.00 Spur, 600 ft. above sec. cor., projects SW.; descend abruptly over small ledges.

36.50 Gulch, 150 ft. below spur, drains S. about 5 chs. thence SE.; ascend abruptly rugged SE. slope.

39.72 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} 516 \\ \hline 521 \\ 1925 \end{array}$$

from which

A pinon, 10 ins.diam., bears N.84½°E., 24 lks.

dist., marked ¼ S 16 B T

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

A pinon, 12 ins. diam., bears S.  $13\frac{1}{2}^{\circ}$  W., 32 lks.  
dist., marked  $\frac{1}{2}$  S 21 B T

- 45.00 Sandstone ledge, 10 ft. high, bears NE. and SW.
- 48.00 Sandstone ledge, 50 ft. high, bears NE. and SW.
- 49.00 Sandstone ledge, 50 ft. high, bears NE. and SW.
- 52.00 High spur, 350 ft. above  $\frac{1}{2}$  sec. cor., projects S.  $10^{\circ}$  E.;  
spur joins ridge about 3 chs. N., at which point ridge  
bears NE. and NW. Descend abruptly SW. slope over  
ledges, sandstone outcroppings and through scattered  
timber.
- 58.75 Sandstone ledge, 50 ft. high, bears NW. and SE.
- 69.00 Gulch, 450 ft. below spur, drains S.; ascend over ledges.
- 76.50 Ledge, 30 ft. high, bears NE. and SW.
- 79.44 The cor. of secs. 16, 17, 20, and 21, 350 ft. above gulch.  
Land, very rugged mountains; S. exposure and E. drainage.  
Soil, clay and rocky of sandstone formation; lth. rate.  
Timber, cedar, pinon and mahogany.  
Undergrowth, sagebrush and scattered service berry brush.
- 
- N.  $6^{\circ}23'$  W., on true line bet. secs. 16 and 17.  
Ascend abruptly rugged S. slope over ledges and sandstone  
outcroppings through scrub timber and undergrowth.
- 6.00 Ledge, 50 ft. high, bears N.  $80^{\circ}$  E. and W.
- 7.00 Ridge, 350 ft. above sec. cor., bears E. and W.; descend  
abruptly over general N. slope; timber and undergrowth  
becomes scattered.
- 10.00 Enter scattered large pine timber, bears N.  $10^{\circ}$  E. and SW.
- 19.50 Ledge, 50 ft. high, bears W. 1 ch. then SW. and E. 1 ch.  
then NE.
- 19.88 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for witness cor. to the S.  $1/16$  sec. cor.  
bet. secs. 16 and 17, with brass cap marked

WC

S  $1/16$ 

S17 | S16

1925

from which

DEPENDENT RESURVEY OF THE SUBDIVISION OF T-13 S., R.9 E.

Chains

A pine, 14 ins. diam., bears N. 45° W., 47 lks.  
dist., marked W C S 1/16 S 17 B T

No other trees available; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

20.08 Point for S 1/16 sec. falls in steep gully draining NW. where cor. cannot be set. Thence along steep general W. slope descending.

29.00 Large draw, 750 ft. below ridge, drains N. 10° E.; leave timber, thence along steep E. slope.

40.16 Intersect a pine post, 6 ins. square, extending 4 ft. above ground, firmly set, and not marked. This post was placed alongside the original 1/4 sec. cor. monument during a joint survey made by the Spring Canyon and Standard Coal Companies many years ago and is identified by these companies and local engineers as being the site of the original cor. The corner monument has disappeared.

Alongside post,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

1/4  
S17 | S16

1925

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Cor. stands on steep E. slope on W. side of mouth of large draw draining N. into Spring Canyon.

From which

A pine, 14 ins. diam., bears N. 74° 15' E., 387 lks.  
dist., marked 1/4 S 16 B T

Thence N. 0° 15' E., with continuous measurement.

41.65 Point, projects NE.; descend abruptly N. slope.

45.03 Spring Canyon branch of D. & R. G. Ry., at base of descent and S. edge of bottom of Spring Canyon, bears NW. and SE., 150 ft. below 1/4 sec. cor. Telegraph line bears NW. and SE. Thence across canyon.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- 45.33 D. & R.G. Ry. siding, bears NW. and SE.
- 45.56 D. & R.G. Ry. siding, bears NW. and SE.
- 48.75 Concrete culvert over Spring Creek in bottom of canyon, creek about 6 lks. wide, 3 ins. deep, flows SE.; main highway in Spring Canyon, bears NW. and SE. Ascend.
- 48.90 Power line, bears E. and W.
- 49.13 Main line Utah Railroad, bears E. and W.
- 49.33 Siding on Utah Railroad, bears E. and W.
- 49.53 Siding on Utah Railroad, bears E. and W. Leave canyon, ascend precipitous S. slope of canyon over ledges and sandstone outcroppings.
- 50.85 Telephone line, bears NW. and SE.
- 52.60 Top of sandstone ledge, 80 ft. high, bears NW. and SE.; continue steep ascent and enter medium growth of scrub timber.
- 60.00 Power line, bears N.80°W. and S.80°E.
- 61.80 Top of sandstone ledge, 40 ft. high, bears NW. and SE.
- 63.54 Top of sandstone ledge, 30 ft. high, bears NW. and SE.; thence along W. slope near top of high spur or point projecting S.
- 71.50 Top of steep ascent and leave ledges and outcroppings, 660 ft. above canyon, bears NW. and SE.; gradually ascend through dense timber.
- 77.07 Intersect a pine post, 6 ins. in dia., firmly set in a large mound of stone and unmarked. This post is recognized by the Spring Canyon and Standard Coal Companies owners of adjacent lands in secs. 8, 9, 16, and 17 and also by local engineers as being the site of the original cor. of secs. 8, 9, 16 and 17.
- Alongside post,
- Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground over a cross (X) cut in solid rock and 24 ins. in a mound of stone for cor. of secs. 8, 9, 16, and 17, with brass cap marked

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T13S R9E

Chains

T13S R9E

S8 S2

S17 S16

1925

From which

A pinon, 14 ins. diam., bears N. 78° E., 90 lks.

dist., marked T 13 S R 9 E S 9 B T

A cedar, 14 ins. diam., bears S. 42° E., 40 lks.

dist., marked T 13 S R 9 E S 16 B T

A pinon, 10 ins. diam., bears N. 2° W., 53 lks.

dist., marked T 13 S R 9 E S 8 B T

No other bearing trees available.

Land, rough, rugged mountains; general N. and S. exposure

and drainage into Spring Canyon which drains E.

Soil, brown mountain loam, clay and rocky of sandstone

formation; 2nd. to 4th. rates.

Timber, cedar, pinon, pine and mahogany.

Undergrowth, sagebrush, service berry, oak brush and grass

From the reestablished cor. of secs. 9, 10, 15 and 16.

S. 81° 46' W., on true line bet. secs. 9 and 16.

Ascend abruptly rocky E. slope over rough mountainous land

through dense timber and scattered undergrowth.

16.00 High spur, 400 ft. above sec. cor., projects S.; leave

dense timber and begin descent over W. slope.

19.00 Reenter dense timber, bears NW. and SE.; begin precipitous

descent over sandstone ledges.

30.00 The east row of houses in Spring Canyon, Utah, on E.

side of Sowbelly Gulch, and which extend in a N. and S.

direction, bears N. about 10 chs. distant.

38.50 Power line, bears N. and S.

39.10 Tramway from Spring Canyon Coal Mine to tipple, bears

N. 10° 10' W., and S. 10° E.; tramway at this point passes

through a tunnel about 5 chs. long, the N. end of

which is N. about 50 lks. distant. Entry to the Spring

Canyon Coal Mine bears N. 10° 10' W., about 38.00 chs.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

distant. Leave dense timber, bears N. and S.

40.22 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x14x8 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face from which

A cedar stump, 14 ins. diam., bears N.  $49\frac{1}{2}^{\circ}$  E., 34 lks. distant, marked  $\frac{1}{4}$  S B T

Alongside original cor.,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S9  
—  
 $\frac{1}{4}$   
S16  
1925

from which

W. face sandstone ledge, marked X B O S9, bears N.  $57\frac{3}{4}^{\circ}$  E., 45 lks. distant

W. face sandstone ledge, marked X B O S 16, bears S.  $55\frac{1}{2}^{\circ}$  E., 66 lks. distant

The regulation 1 inch iron post for this cor. was not available.

Telephone line at  $\frac{1}{4}$  sec. cor., bears N. and S.

Cor. stands on E. side of bottom of Sowbelly Gulch, 900 ft. below spur and on S. side of corral of Spring Canyon Coal Company. Numerous buildings and other improvements extend N. and S. in canyon.

From  $\frac{1}{4}$  sec. cor., a large water tank, bears N.  $10^{\circ}13'$  E., about 20 chs. distant; NE. cor. of a rock church, bears S.  $44\frac{1}{2}^{\circ}$  W., about 6 chs. distant; NE. cor. of public school building, bears S.  $29^{\circ}$  W., about 9 chs. distant; and tippie for Spring Canyon Coal Mine, bears S.  $5^{\circ}$  E., about 13 chs. distant.

Thence

N.  $89^{\circ}05'$  W., with continuous measurement.

41.20 Road, bears N. and S.

41.50 Bottom of Sowbelly Gulch, drains S. about 10 chs. to

## DEPENDENT RESUMEVY OF THE SUBDIVISION OF T. 12 S. R. 9 E.

Chains

- junction with Spring Canyon; ascend abruptly.
- 42.60 Main road through town of Spring Canyon, Utah, bears N. and S.
- 43.00 Telegraph line, bears N. and S.
- 43.60 Road, bears N. and S.
- 47.60 Power line, bears N. and S.
- 56.50 Houses extending N. and S. on W. edge of town of Spring Canyon, Utah, commence at a point about 10 chs. N.
- 65.00 Enter dense timber, bears N. and S.
- 68.00 Spur, 800 ft. above canyon, projects SE.; descend W. slope
- 77.00 Draw, 100 ft. below spur, drains S.; ascend 125 ft. to
- 83.00 High spur or point, projects S.; descend.
- 84.26 The cor. of secs. 8, 9, 16, and 17.

From this cor. Mine and Tram station near entry to the Standard Coal Company Coal Mine, bears N.  $28^{\circ}18'$  W., 53.58 chs. distant.

Land, rough mountainous; general E. and W. slopes of high spurs into canyons draining S.

Soil, brown mountain loam and rocky of sandstone formation. 2nd. and 4th. rates.

Timber, cedar and pinon with scattered pine and mahogany.

Undergrowth, sagebrush, service berry and oak brush.

N.  $2^{\circ}47'$  E., on true line bet. secs. 8 and 9.

Ascend along W. slope of top of spur projecting S. over rough mountainous land through dense timber.

- 14.60 Leave dense timber, bears E. and W.

- 16.60 Point on top of ridge at junction with spur; ridge bears N.  $20^{\circ}$  E. and W., 125 ft. above sec. cor. Descend.

- 23.80 Head of draw, 135 ft. below ridge, drains SW.; ascend.

- 32.40 Ridge, 100 ft. above draw, bears N.  $20^{\circ}$  W. and S.  $20^{\circ}$  E.; descend along E. slope.

- 40.80 Draw, heads about 4 chs. NW. and drains SE.; ascend.

- 41.57 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground on solid rock and 6 ins. in a mound of stone.

## DEFENDENT RESURVEY OF THE SUBDIVISION OF T.13 S..R.9 E.

Chains

.5' of T. for sec. cor., with brass cap marked

S8 | S9

1925

from which

A pinon, 10 ins.diam., bears N.74°E., 32 lks.

dist., marked S 9 B T

A pinon, 10 ins.diam., bears N.17½°W., 34 lks.

dist., marked S 8 B T

46.00 Spur, .125 ft. above draw, projects E.; descend.

58.60 Draw, near head, 125 ft. below spur, drains E.; ascend.

60.40 Spur, 65 ft. above draw, projects E.; descend.

63.40 Draw, 90 ft. below spur, drains E.; ascend.

68.30 Spur, .125 ft. above draw, projects E.; descend.

75.30 Draw, 150 ft. below spur, drains E.; ascend 175 ft. to

82.75 Spur, projects S.83°E.

83.14 The original cor. of secs. 4,5,8, and 9, which is a sandstone, 24x12x8 ins., standing alongside an old mound of stone, marked with 4 notches on E. and 5 notches on S. edge..

Reset original cor. monument firmly in the ground and alongside same,

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 4,5,8, and 9, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S5   | S4  |

S8 | S9

1925

from which

A large sandstone boulder, marked X B0 S8, bears S.88°30'W., 42 lks. distant.

No other bearing objects available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

From this cor. entry to Spring Canyon No.3 coal mine,

bears S.50°52'E.; left entry to Spring Canyon No.1

coal mine, bears S.26°27'E.; rocky pinnacle on high

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

ridge, locally known as Storr's Gate, bears  $S. 74^{\circ} 10' E.$   
Land, rough mountainous; general S. exposure and drainage.  
Soil, mountain loam and rocky of sandstone formation;  
2nd. and 3rd. rates.  
Timber, cedar and pinon with scattered mahogany and pine.  
Undergrowth, sagebrush, service berry, oak brush and  
maple.

From the reestablished cor. of secs. 3, 4, 9, and 10.  
 $S. 85^{\circ} 35' W.$ , on true line bet. secs. 4 and 9.  
Ascend abruptly SE. and E. slopes, over rough, mountainous  
land, through scattered timber and medium growth of  
brush.

- 13.65 Base of series of sandstone ledges, bears N. and S.;  
ascend abruptly.
- 15.85 High rocky ridge, 850 ft. above sec. cor., bears N. and  
S.; descend abruptly over ledges.
- 20.65 Base of ledges, bears N. and S.; continue abrupt descent  
over W. slope.
- 24.55 Head of draw, drains SW.; descend along S. and SW. slopes.
- 40.99 The original  $\frac{1}{4}$  sec. cor., which is a sandstone boulder  
in place, 7x6x2 ft. showing, marked  $\frac{1}{4}$  on NW. cor. of  
boulder, and witnessed by a mound of stone, 2 ft. base  
 $1\frac{1}{2}$  ft. high, E. of cor.

Alongside W. edge of boulder,  
Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in  
the ground on solid rock and 24 ins. in a mound of  
stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

34

89

1925'

from which

A pinon, 12 ins. diam., bears  $N. 23^{\circ} W.$ , 77 lks.

dist., marked  $\frac{1}{4}$  S. 4 B. T.

A pinon, 12 ins. diam., bears  $S. 42^{\circ} W.$ , 50 lks.

dist., marked  $\frac{1}{4}$  S. 9 B. T.

DEPARTMENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

Thence

N.89°08'W., with continuous measurement.

- 41.80 Depression on S. slope, drains S.; continue along rocky S. slope.
- 50.60 Spur, projects SW.; descend abruptly over W. slope.
- 61.60 Old road, bears N. and S., in E. edge of bottom of Sowbelly Gulch.
- 63.85 Bottom of Sowbelly Gulch, 450 ft. below spur, drains S.; leave timber, bears N. and S. and ascend abruptly E. slope 550 ft. along N. side of top of spur projecting S.83°E.
- 78.68 The cor. of secs. 4, 5, 8, and 9.  
Land, rough and rugged mountains; general S. exposure and drainage.  
Soil, mountain loam and rocky of sandstone and limestone formation; 3rd. and 4th. rates.  
Timber, cedar, pinon and mahogany.  
Undergrowth, oak, sage, service berry, buck brush and grass.

---

N.4°10'W., on true line bet. secs. 4 and 5.

Descend abruptly over N. slope from top of spur over rough mountainous land through scattered to medium growth of sagebrush.

- 3.80 Enter scattered oak brush and pine timber, bears E. and SW.
- 8.60 Bottom of canyon, 350 ft. below sec. cor., drains about E.; ascend abruptly over rugged S. slope through medium growth of cedar and pinon timber.
- 24.20 Top of high ridge, 600 ft. above canyon at E. point of high sandstone ledge, bears NW. and SE.; descend NE. slope.
- 27.70 Leave all timber and enter dense, short oak brush, bears

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S., R. 9 E.

Chains

entado

NW. and SE.

- 40.29 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 24x16x51 ins., firmly set in a deeply embedded mound of stone, marked  $\frac{1}{4}$  on W. face; no accessories to cor.  
Reset original cor. monument firmly in the ground, marked  $\frac{1}{4}$  on W. face and alongside of same,  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

 $\frac{1}{4}$ 

S5 | S4

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Cor. stands on NE. slope 470 ft. below ridge.

Thence

N.0°02'E., with continuous measurement.

Continue descent over NE. slope.

- 45.35 Old road, bears NW. and SE. in south side of bottom of Sowbelly Gulch.

- 49.20 Bottom of Sowbelly Gulch, 125 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; ascend SW. slope through scattered timber and undergrowth.

- 58.30 Base of sandstone ledges, bears NW. and SE.; ascend abruptly.

- 59.84 Point for north sixteenth-section cor. bet. secs. 4 and 5 will fall on ledges where cor. cannot be set; therefore, at this point

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for witness cor. to the north sixteenth-section cor., bet. secs. 4 and 5, with brass cap marked

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for witness cor. to the north sixteenth-section cor., bet. secs. 4 and 5, with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

WC  
N 1/16  
S5 | S4

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
No suitable bearing trees available.

61.14 Point for north sixteenth-section cor. bet. secs. 4 and 5  
falls on ledge where cor. cannot be set.

63.35 Top of ledges, bears NW. and SE.; continue ascent.

69.90 Spur, 900 ft. above Sowbelly Gulch, projects SW.; ascend  
along W. slope through dense mahogany timber to

82.20 The cor. of secs. 4 and 5 on the N. bdy. of the Tp.,  
heretofore described.

Land, rough, rugged mountains; general S. exposure and  
drainage.

Soil, mountain loam and rocky of sandstone and limestone  
formation; 2nd. and 4th. rates.

Timber, cedar, pinon, mahogany and scattered pine.

Undergrowth, sage, oak, service berry, buck brush and  
grass.

From the cor. of secs. 31 and 32 on the S. bdy. of the  
Tp. heretofore described.

N.  $1^{\circ}14'$  E., on true line bet. secs. 31 and 32.

Over broken bench land through medium growth of scrub  
timber and short undergrowth.

40.07 $\frac{1}{2}$  Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in  
the ground on solid rock and 18 ins. in a mound of  
stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

†  
S31 | S32

1925

from which

a pinon, 7 ins. diam., bears N.  $62^{\circ}$  E., 14 lks.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.15 S., R.9 E.

Chains

dist., marked  $\frac{1}{4}$  S 32 B T

A cedar, 12 ins.diam., bears N.66 $\frac{1}{2}$ °W., 52 lks.

dist., marked  $\frac{1}{4}$  S 31 B T

Cor. stands in S. edge of draw, drains NE.; ascend.

43.50 Spur, 45 ft. above draw, bears E. and W.

45.80 S. rim of gulch, bears NW. and SE.; descend.

57.40 Gulch, 145 ft. below spur, drains SE.; ascend.

62.60 Road, bears E. to Price and Helper and W. to Coal City,  
Utah.

63.60 N. rim of gulch, 130 ft. above bottom, bears W., NE.  
about 2 chs., then SE.

63.80 Wire fence and leave timber, bears E. and W.; thence  
over rolling land.

80.15 The original cor. of secs. 29,30,31, and 32 which is a  
sandstone, 16x8x7 ins., firmly set in an old deeply  
embedded mound of stone, marked with 1 notch on S. and  
2 notches on E. edge. The cor. monument has disintegrat  
and it is probable that the notches on the E. edge  
have worn off. No accessories to cor.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in  
the ground for cor. of secs. 29,30,31, and 32, with  
original cor. standing alongside, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S30  | S29 |

|      |     |
|------|-----|
| S31  | S32 |
| 1925 |     |

Raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft.high, W.of cor.  
From sec. cor. the S. door in a log cabin bears N.57°W.  
Land, rolling and broken bench; general S. exposure and  
drainage.

Soil, brown clay loam streaked with rock of sandstone  
formation; 2nd. and 3rd. rates.

Timber, scrub cedar and pinon on S. portion of mile.

Undergrowth, sagebrush and shadscale.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

from the reconstructed original cor. of secs. 28, 29, 32, and 33.

N. 89° 58' W., on true line bet. secs. 29 and 32.

Over rolling land through short undergrowth.

1.30 Wash, 10 lks. wide, 3 ft. deep, drains NE.

37.00 Road, bears NW. and SE.

40.17 Proportionate point.

From this point the original  $\frac{1}{4}$  sec. cor., a sandstone

16x9x6 ins., marked  $\frac{1}{4}$  on one face, bears N. 61° W., 4.25

chs. distant. This monument is found lying on the

ground against the trunk of a small bushy cedar tree

and some of the lower limbs of the tree were broken

when stone was placed there. No information could be

obtained as to the date or the reason for placing the

corner at the site where it was found and all available

evidence indicates that it was deliberately placed there

recently and is not at its original position; therefore

I return the corner monument to the proportionate point

bet. the cor. of secs. 28, 29, 32, and 33 and the cor.

of secs. 29, 30, 31, and 32 and set stone 10 ins. in the

ground, marked  $\frac{1}{4}$  on N. face, alongside of which

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in

the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S29

$\frac{1}{4}$

S32

1925

from which

A cedar limb, 6 ins. diam., bears S. 73 $\frac{1}{2}$ ° W., 503

lks. distant, marked  $\frac{1}{4}$  S 32 B T

A cedar, 12 ins. diam., bears N. 3° W., 298 lks.

distant, marked  $\frac{1}{4}$  S 29 B T

45.00 A low knoll covered with scrub cedar timber, bears N. about 5 chs. distant.

45.20 Road, bears N. and S.

46.55 Net wire fence, bears N. 12 $\frac{1}{2}$ ° W. and S. 12 $\frac{1}{2}$ ° E.; the east door of Wm. Morgan's dugout, bears N. about 8 chs. dist.

50.50 Low rise, bears NW. and SE.; gradually descend.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 13 S. R. 9 E.

Chains  
58.50 Shallow draw, drains SE.

61.95 Wire fence, bears N. and S.

66.55 Wire fence, bears NE. and SW.

80.34 The cor. of secs. 29, 30, 31 and 32.  
Land, rolling bench; general S. exposure and drainage.  
Soil, brown clay loam streaked with rock of sandstone  
formation; 2nd. and 3rd. rates.  
Timber, a few scattered cedar and pinon.  
Undergrowth, sagebrush and grass.

N. 89° 44' W., on true line bet. secs. 30 and 31.  
Over rolling bench land through sagebrush undergrowth.

7.00 Road, bears N. 10° W. and S. 10° E.

9.30 From this point door in log cabin, bears N. 8° E.; size  
of cabin = 14x14 ft.

11.10 Enter scrub cedar and pinon timber, bears NW. and SE.

15.20 Wire fence, bears NW. and SE.

21.80 Draw, 85 ft. below sec. cor., drains SE; gradually ascend

32.80 Low rise or broad flat ridge, 60 ft. above draw, bears  
NW. and SE.

33.50 Road, bears NW. and SE.

40.50 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 10x6x5  
ins. above ground, firmly set, and marked  $\frac{1}{4}$  on N. face;  
witnessed by a small mound of stone N. of cor.  
Alongside original cor.,  
Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S30  
S31  
1925

from which

A pinon, 12 ins. diam., bears N. 24° E., 314 lks.  
dist., marked  $\frac{1}{4}$  S 30 B T

A pinon, 16 ins. diam., bears S. 18½° E., 300 lks.  
dist., marked  $\frac{1}{4}$  S 31 B T

Thence

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

- Chains S.  $89^{\circ}30'W.$ , with continuous measurement.
- 47.70 Wash, 50 lks. wide, 5 ft. deep, drains SE.; ascend over low point.
- 62.10 Wash, 20 lks. wide, 20 ft. deep, drains N. about 3 chs. distant, thence S.  $80^{\circ}E.$ ; ascend N. and NE. slopes 255 ft. to sec. cor.
- 63.95 From this point the SW. cor. of a cabin, bears N.  $12^{\circ}E.$
- 80.41 The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp. heretofore described in the field notes of the resurvey of T.13 S., R.8 E., this group.
- Land, rolling and broken bench; general S. exposure and drainage.
- Soil, brown clay loam streaked with rock of sandstone formation; 2nd. and 3rd. rates.
- Timber, scrub cedar and pinon.
- Undergrowth, sagebrush.
- 
- From the reconstructed original cor. of secs. 29, 30, 31 and 32.
- N.  $3^{\circ}20'W.$ , on true line bet. secs. 29 and 30.
- Gradually ascend over rolling bench land sloping S., through sagebrush undergrowth.
- 5.50 Road, bears E. and W.
- 31.00 Low rise, bears NW. and SE.; enter cedar and pinon timber and begin descent over N. slope.
- 39.55 Proportionate point.
- Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   
 S30 | S29  
 1925
- from which
- A pinon, 10 ins. diam., bears N.  $46\frac{1}{2}^{\circ}E.$ , 28 lks. dist., marked  $\frac{1}{4}$  S 29 B T
- A pinon, 8 ins. diam., bears S.  $40\frac{1}{2}^{\circ}W.$ , 15 lks. dist., marked  $\frac{1}{4}$  S 30 B T

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S.1 R.9 E.

Chains

- Cor. stands on steep N. slope, 50 ft.. below rise.
- 41.10 Bottom of Wildcat Canyon and wash, 1 ch. wide, 5 ft.. deep, 45 ft. below  $\frac{1}{2}$  sec. cor., drains E.; ascend over rough broken bench land sloping S.
- 48.80 Spur, 85 ft.. above canyon, projects E.; descend.
- 57.20 Draw, 70 ft. below spur, drains E.; ascend.
- 59.10 Spur, 55 ft. above draw, projects E. about 6 chs. distant. Descend.
- 60.70 Draw, 40 ft. below spur, drains E.; ascend.
- 66.80 Spur, 50 ft. above draw, projects E.; gradually descend.
- 69.00 Draw, drains E.; ascend steep, broken S. slope 200 ft. to
- 79.10 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap marked

|      |     |
|------|-----|
| T13S | R9E |
| S19  | S20 |
| S30  | S29 |
| 1925 |     |

from which

A pinon, 10 ins. diam., bears N.  $18\frac{1}{2}^{\circ}$  E., 25 lks. dist., marked T 13 S R 9 E S 20 B T

A cedar, 10 ins. diam., bears S.  $80\frac{1}{2}^{\circ}$  W., 63 lks. dist., marked T 13 S R 9 E S 30 B T

A pinon, 8 ins. diam., bears N.  $58^{\circ}$  W., 27 lks. dist., marked T 13 S R 9 E S 19 B T

No other bearing trees available.

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Land, S. half mile rolling; north half rough, broken bench land; general S. exposure and SE. drainage. Soil, brown loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush..

From the reestablished cor. of secs. 20, 21, 28, and 29.

S.  $89^{\circ}24'$  W.. on true line bet. secs. 20 and 29.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- Over rough broken bench land facing S.; through scrub cedar and pinon timber and sagebrush undergrowth.
- 1.70 Low spur, projects S.; descend.
- 6.10 Gully, 35 ft. below spur, drains SE.; ascend.
- 7.70 Spur, 65 ft. above gully, projects S.; descend.
- 13.90 Ravine, 50 ft. below spur, drains SE.; ascend.
- 20.90 Spur, 75 ft. above ravine, projects SE.; descend.
- 26.50 Draw, 50 ft. below spur, drains SW.; ascend.
- 28.60 Spur, 50 ft. above draw, projects SW. about 3 chs. distant; descend.
- 31.30 Ravine, 65 ft. below spur, drains SE.; ascend abruptly E. slope.
- 38.60 Spur, 125 ft. above ravine, projects S.; descend.
- 40.63 Proportionate point.
- Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for 2 sec. cor., with brass cap marked
- |               |       |
|---------------|-------|
|               | S20   |
| $\frac{1}{4}$ | <hr/> |
|               | S29   |
|               | 1925  |
- from which
- A pinon, 12 ins.diam., bears S.47 $\frac{1}{2}$ °E., 35 lks.  
dist., marked  $\frac{1}{4}$  S 29 B T
- A cedar, 14 ins.diam., bears N.1 $\frac{1}{2}$ °W., 92 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T
- Cor. stands in NE. edge of small opening in dense scrub timber on cedar bench sloping S.
- 45.60 Gully, drains SE.; gradually ascend.
- 55.00 Spur, 75 ft. above gully, projects SE.; descend abruptly.
- 56.00 Gulch, 35 ft. below spur, drains S.; ascend abruptly.
- 68.00 Spur, 85 ft. above gulch, projects SE.; gradually descend.
- 74.50 Head of large draw, drains SE.; ascend abruptly.
- 79.60 Top of ascent on E. edge of spur, 125 ft. above draw, bears NW. and SE.; gradually descend.
- 81.26 The cor. of secs. 19, 20, 29 and 30.
- Land, rough, broken bench land; general S. exposure and SE. drainage.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T.23 S., R.9 E.

Chains

Soil, brown and blue clay and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, cedar and pinon.

Undergrowth, sagebrush and shadscale.

S.89°53'W., on true line bet. secs. 19 and 30.

Over rough, broken mountainous land through medium growth of scrub timber and short undergrowth. Gradually descend

4.60 W. edge of spur, bears N. and S.; descend abruptly W. slope

12.10 Ravine, 210 ft. below spur, drains S. about 10 chs. to

junction with Wildcat Canyon; ascend abruptly.

19.70 Spur, 85 ft. above ravine projects S.; descend.

29.20 Ravine, 125 ft. below spur, drains SE.; ascend.

31.20 Spur, 40 ft. above ravine, projects SE.; descend.

32.70 Gulch, 45 ft. below spur, drains S. about 3 chs. to

junction with Wildcat Canyon; ascend.

32.00 Spur, 125 ft. above gulch, projects S.; descend along

broken S. slope.

40.34 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for 1 sec. cor., with brass cap marked

$\frac{1}{2}$   $\frac{S19}{S30}$   
1925

from which

A pinon, 12 ins.diam., bears N.49½°E., .25 lks.  
dist., marked  $\frac{1}{2}$  S 19 B T

A pinon, 10 ins.diam., bears S.21½°W., 15 lks.  
dist., marked  $\frac{1}{2}$  S 30 B T

61.10 Wildcat Canyon, 125 ft. below  $\frac{1}{2}$  sec. cor., drains S.80°E.  
ascend abruptly.

75.60 Top of S. brink of Wildcat Canyon, 150 ft. above bottom,  
bears N.80°W. and S.80°E.; thence over bench or broad  
flat ridge.

80.08 The true point for the cor. of secs. 19, 24, 25 and 30 on  
the W. bdy. of the Tp., described in the field notes of

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

Land, rough mountainous; S. exposure and SE. drainage.  
Soil, brown and blue clay and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, cedar and pinon.

Undergrowth, sage and scattering service berry brush.

From the reestablished cor. of secs. 19, 20, 29 and 30.

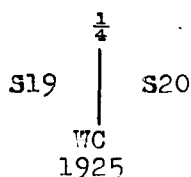
N.  $0^{\circ}56'E$ , on true line bet. secs. 19 and 20.

Ascend abruptly S. face of mountain broken by sandstone ledges and outcroppings, through medium growth of scrub timber and short undergrowth.

39.48 $\frac{1}{2}$  Proportionate point for the  $\frac{1}{4}$  sec. cor. falls on face of ledge where cor. cannot be set, therefore, at

40.04 $\frac{1}{2}$  On top of sandstone ledge, 20 ft. high, bears NW. and SE., 1000 ft. above sec. cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked



Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
No suitable bearing trees available.

44.75 Spur, 125 ft. above  $\frac{1}{4}$  sec. cor., projects SE.; descend along broken E. slope.

52.30 Head of rocky draw, 70 ft. below spur, drains E.; ascend.

57.00 Spur, 110 ft. above draw, projects N.  $80^{\circ}E$ .; descend.

62.00 Draw, 225 ft. below spur, drains N.  $80^{\circ}E$ .; ascend.

68.00 Low spur, projects N.  $80^{\circ}E$ .; abrupt descent N. slope.

78.50 Canyon, 230 ft. below spur, drains SE.; ascend.

78.97 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 17, 18, 19, and 20, with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

|      |     |
|------|-----|
| T13S | R9E |
| S18  | S17 |
| S19  | S20 |
| 1925 |     |

from which

A spruce, 12 ins.diam., bears N.  $16\frac{1}{2}^{\circ}$ E., 77 lks.

dist., marked T 13 S R 9 E S 17 B T

A spruce, 10 ins.diam., bears S.  $52\frac{1}{2}^{\circ}$ E., 19 lks.

dist., marked T 13 S R 9 E S 20 B T

A spruce, 8 ins.diam., bears S.  $72\frac{3}{4}^{\circ}$ W., 37 lks.

dist., marked T 13 S R 9 E S 19 B T

A pine, 24 ins.diam., bears N.  $25\frac{3}{4}^{\circ}$ W., 157 lks.

dist., marked T 13 S R 9 E S 18 B T

Land, rough mountainous; general S. exposure and drainage.

Soil, clay and rocky of sandstone formation; 4th. rate.

Timber, cedar and pinon with a few pine and spruce.

Undergrowth, sage, scattering service berry and oak brush

From the reestablished cor. of secs. 16, 17, 20, and 21.

S.  $85^{\circ}30'$ W., on true line bet. secs. 17 and 20.

Ascend abruptly S. and SW. slopes over rough mountainous

land broken by sandstone ledges and outcroppings,

through scattering timber and undergrowth.

11.00 Sandstone ledge or reef, 25 ft. high, bears NE. and SW.

20.10 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in

the ground on solid rock and 24 ins. in a mound of sto

for east sixteenth-section cor. bet. secs. 17 and 20,

with brass cap marked

|        |      |
|--------|------|
| E 1/16 | S17  |
|        | S20  |
|        | 1925 |

from which

A pinon, 12 ins.diam., bears S.  $18^{\circ}$ W., 14 lks.

dist., marked E 1/16 S 20 B T

A pinon, 14 ins.diam., bears N.  $80\frac{1}{2}^{\circ}$ W., 18 lks.

dist., marked E 1/16 S 17 B T

25.85 Ledge, 50 ft. high, bears N. and S.

32.30 High spur, 700 ft. above sec. cor., near summit of



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- mountain bearing E. and W., projects S.; descend 50 ft.
- 40.21 The original  $\frac{1}{4}$  sec. cor., which is a sandstone 7x7x7 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face; deeply embedded stones around cor; also,
- A pinon, 18 ins.diam., bears N.17° W., 45 lks.  
dist., marked  $\frac{1}{4}$  S B T
- Alongside original cor.,
- Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$  S17  
S20  
1925
- from which
- A pinon, 16 ins.diam., bears S.29° W., 185 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T
- Thence
- N.88°19' W., with continuous measurement.
- 59.30 Draw, 230 ft. below  $\frac{1}{4}$  sec. cor., drains S.; gradually ascend along broken S. slope near summit of mountain.
- 68.70 Spur, 220 ft. above draw, projects S.; descend along rugged S. slope.
- 71.00 Sandstone ledge, 20 ft. high, bears NW. and SE.
- 83.87 The cor. of secs. 17,18,19, and 20, 150 ft. below spur.
- Land, rough mountainous; general S. exposure and drainage.
- Soil, mountain loam and rocky of sandstone formation;
- 3rd. and 4th. rates. . . . .
- Timber, cedar and pinon with scattering mahogany and spruce.
- Undergrowth, sage, oak, service berry and buck brush.
- 
- West, on true line bet. secs. 18 and 19.
- Over rough mountainous land through scattering growth of timber and undergrowth.
- 1.00 Head of canyon, drains SE.; ascend.
- 16.00 High ridge and summit of mountain, 410 ft. above canyon, bears NE. and nearly W.; thence along ridge.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

- 27.25 Swale at head of canyon, drains N.30°E.; ascend.  
35.00 Ridge and summit of mountain, bears NW. and SE.; descend abruptly W. and SW. slope over ledges and sandstone outcroppings.

43.45 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 16 ins. in a mound of stone for sec. cor., with brass cap marked

+  $\frac{S18}{S19}$   
1925

from which

A pine, 12 ins.diam., bears N.55°E., 42 lks.  
dist., marked S 18 B T

A pine, 14 ins.diam., bears S.51°W., 56 lks.  
dist., marked S 19 B T

45.00 Gulch, 300 ft. below ridge, drains SW. about 15 chs., thence S.; ascend abruptly.

52.70 Spur, 115 ft. above gulch, projects S.; descend.

57.50 Gulch, 165 ft. below spur, drains SE. to junction with gulch at 45.00 chs.; ascend abruptly.

71.00 High ridge spur, 425 ft. above gulch, projects S.30°W.; descend precipitous W. slope 485 ft. to

84.00 Canyon, drains S.10°W.; ascend 30 ft. to

85.37 The cor. of secs. 13,18,19, and 24 on the W. bdy. of the Tp. heretofore described in the field notes of the resurvey of T.13 S., R.8 E., this group.  
Land, rough mountainous; general N. and S. exposure and drainage from summit of mountain.

Soil, mountain loam, clay and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, cedar and pinon with scattering pine, spruce and mahogany.

Undergrowth, oak, service berry, sage and buck brush.

From the reestablished cor. of secs. 17,18,19, and 20.

N.2°49'W., on true line bet. secs. 17 and 18.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

ascend over mountainous land through scattered timber and undergrowth.

12.50 Ridge and summit of mountain, 300 ft. above sec. cor., bears N.80°E. and S.80°W.; descend abruptly N. slope.

17.80 Enter dense timber, bears E. and W.

23.00 Draw near head, 360 ft. below ridge, drains NW.; leave dense timber and ascend gradually.

30.00 Spur, 65 ft. above draw, projects W.; descend abruptly.

34.00 Draw, 200 ft. below spur, drains NW. about 6 chs. to junction with canyon; ascend.

39.52½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with brass cap marked

†

S18 | S17

1925

from which.

A pine, 14 ins.diam., bears N.19°E., 58 lks.

dist., marked ¼ S 17 B T

A spruce, 12 ins.diam., bears N.59¾°W., 13 lks.

dist., marked ¼ S 18 B T

41.00 Spur, 50 ft. above draw, projects W.; descend NW. slope.

51.75 Canyon, 300 ft. below spur, drains N.30°E.; leave dense timber and ascend along broken E. slope.

59.29 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for north sixteenth-section cor. bet. secs. 17 and 18, with brass cap marked

N 1/16

S18 | S17

1925

from which

A pine, 10 ins.diam., bears S.42¾°E., 119 lks.

dist., marked N 1/16 S 17 B T

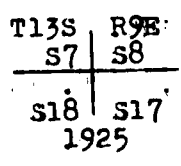
A pinon, 6 ins.diam., bears N.76½°W., 33 lks.

dist., marked N.1/16 S.18 B T

DEPENDENT RESURVEY OF THE SUBDIVISION OF T13S R9E S7

Chains

- 60.20 Spur, projects E.; descend N. slope
- 64.80 Canyon, 90 ft. below spur, drains S.; ascend abruptly  
. S. slope broken by ledges and outcroppings and through  
. medium growth of scrub timber.
- 75.00 Ridge, 425 ft. above canyon, bears E. and W.; leave  
timber and descend abruptly over N. slope
- 79.05 Proportionate point.  
Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in  
the ground for cor. of secs. 7, 8, 17, and 18, with  
brass cap marked.



from which

- A spruce, 4 ins. diam., bears N.  $42\frac{1}{2}^{\circ}$  E., 113 lks.  
dist., marked BT only.
- A spruce, 16 ins. diam., bears S.  $59\frac{1}{2}^{\circ}$  W., 75 lks.  
dist., marked T 13 S R 9 E S 18 B T
- A maple, 6 ins. diam., bears N.  $4\frac{1}{4}^{\circ}$  W., 40 lks.  
dist., marked T 13 S R 9 E S 7 B T
- No other trees available.

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land, rugged mountains; general N. and S. exposure and  
drainage from summit of mountain.

Soil, mountain loam and rocky of sandstone formation;

2nd. and 4th. rates.

Timber, cedar and pines with scattered patches of dense  
pine, spruce and mahogany.

Undergrowth, oak, sage, service berry brush and grass,

PL 300

From the reconstructed cor. of secs. 8, 9, 16, and 17.  
N.  $89^{\circ}11'$  W., on true line bet. secs. 8 and 17.

Descend abruptly W. slope of high spur broken by sandstone  
ledges and outcroppings, over rough mountainous land  
through dense timber.

25 Sandstone ledge 50 ft. above bears E. and S.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

chains

- 9.10 Sandstone ledge, 50 ft. high, bears N. and S.
- 14.45 Power line, bears N.  $12^{\circ}$  W. and S.  $12^{\circ}$  E.
- 14.85 Middle point of double track tramway, from Standard Coal Mine to tipple, bears N.  $12^{\circ}30'$  W. and S.  $12^{\circ}30'$  E; entry to coal mine bears N.  $12^{\circ}30'$  W; tipple bears S.  $5^{\circ}$  E. about 15 chs. distant.
- 15.60 Bottom of Gilson Gulch, 600 ft. below sec. cor., drains S.; road in gulch bears N. and S. The N. end of Standardville Coal Mining Camp, a portion of which is in Gilson Gulch, bears S. about 5 chs. distant. The main portion of Standardville is situated at the mouth of Gilson Gulch and extends westerly up Spring Canyon. Ascend precipitous E. slope over ledges and boulders.
- 29.25 High rocky point, 550 ft. above Gilson Gulch, projects S.; descend along rough rocky S. and SW. slopes.
- 31.00 Begin abrupt descent over SW. slope.
- 35.25 Ledge, 50 ft. high, bears NW. and SE.
- 42.22 Intersect an iron bolt, 1 in. in dia., 24 ins. long, set flush with surface of ground; said point being recognized by the Standard Coal Co., the Spring Canyon Coal Co., and local engineers as being the site of the original  $\frac{1}{4}$  sec. cor.
- Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone alongside bolt for  $\frac{1}{4}$  sec. cor., with brass cap marked
- s8  
s17  
1925
- from which
- S. face of large sandstone boulder, marked X B0, bears N.  $14^{\circ}30'$  E., 53 lks. distant.
- W. face of large sandstone outcropping, marked X B0, bears S.  $64^{\circ}35'$  E., 91 lks. distant.
- The NE. cor. of a long frame building in the N. end of Gibson townsite, bears S.  $88^{\circ}28'$  E., about 3.20 chs. dist.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

## Chains

- The SW. cor. of a brick house in west end of Standardville  
Utah, bears S.4°40'E., about 3.50 chs. distant.  
Cor. stands at base of steep descent on W. slope, bears  
NW. and SE.
- Thence  
S.89°38'W., with continuous measurement; along approximate  
N. bdy. of the Gibson Townsite.  
Descend over W. slope.
- 46.00 Power line, bears NW. and SE.
- 46.25 Spring Canyon highway, bears NW. and SE.; leave timber.  
Houses extend SE. along highway.
- 48.75 Bottom of Spring Canyon and stream, 6 lks. wide, 3 ins.  
deep, 500 ft. below spur, course SE.; ascend abruptly  
over steep N. and NE. slopes along N. side of ridge,  
through dense patches of oak, service berry and buck  
brush. Approximate position of W. end of Gibson  
Townsite.
- 50.00 Spring Canyon branch of D. & R.G.Ry., bears NW. and SE.  
around E. point of ridge.
- 50.35 Telegraph line, bears NW. and SE.
- 83.20 The cor. of secs. 7, 8, 17, and 18.  
Land, rough mountainous with steep slopes into canyons;  
general drainage SE.  
Soil, brown clay loam and rocky of sandstone formation;  
3rd. and 4th. rates.  
Timber, cedar, pinon, and scattered pine.  
Undergrowth, oak, service berry, sage and buck brush.
- 
- N.88°50'W., on true line bet. secs. 7 and 18.  
Ascend along N. slope near top of ridge through medium  
growth of timber and undergrowth.
- 11.20 Ridge, 200 ft. above sec. cor., bears NW. and SE.; then  
along general S. slope of ridge.
- 21.20 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in  
the ground for east sixteenth-section cor. bet. secs.  
7 and 18, with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

from which

A pinon, 4 ins.diam., bears N.59°E., 40 lks.

dist., marked BT

of equal ... cedar, 6 ins.diam., bears S.2°W., 71 lks.

dist., marked E 1/16 S 18 B T

24.80 Same ridge, 50 ft. above 1/16 sec. cor., bears NE. and SW.;

thence along N. slope across head of draw draining N.

36.25 Same ridge, 150 ft. above last crossing, bears NW. and

SE.; descend 50 ft. to

42.40 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in

the ground for 1/4 sec. cor., with brass cap marked

S7

S18

1925

from which

A cedar, 12 ins.diam., bears N.71°E., 74 lks.

dist., marked 1/4 S 7 B T

A cedar, 10 ins.diam., bears S.28°E., 81 lks.

dist., marked 1/4 S 18 B T

43.00 Draw, drains S.; ascend abruptly E. slope.

50.45 Spur, 300 ft. above draw, projects S.10°E.; from this point an air shaft in the Liberty Coal Mine, near bottom of canyon draining E., bears S.56°30'W., about 27 chs. distant. Leave timber and descend along broken S. slope through tall oak brush.

63.59 1/2 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for west sixteenth-section cor. bet. secs. 7 and 18, with brass cap marked

S7

W 1/16

S18

1925

from which

An oak, 3 ins.diam., bears N.70°W., 17 lks.

dist., marked BT

An oak, 4 ins.diam., bears S.33°E., 22 lks.

dist., marked BT

65.25 Power line, bears NE. and SW.

65.75 Draw, 125 ft. below spur, drains S.; ascend SE. slope.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.8 E.

Chains

- 66.75 Power line, bears NE. and SW.
- 78.40 Ridge, 350 ft. above draw, bears NE. and SW.; leave undergrowth and descend 125 ft. over grassy NW. slope to
- 83.39 The cor. of secs. 7, 12, 13, and 18 on the W. bdy. of the Tp. heretofore described in the field notes of the resurvey of T.13 S., R.8 E., this group. Land, rough mountainous; general N. and S. exposure and drainage from ridge paralleling line. Soil, mountain loam and rocky of sandstone formation; 2nd. and 3rd. rates. Timber, cedar, pinon and mahogany. Undergrowth, oak, service berry, buck and sagebrush.
- 
- From the reestablished cor. of secs. 7, 8, 17, and 18. N.  $1^{\circ}58'$  W., on true line bet. secs. 7 and 8. Descend abruptly N. slope over rough mountainous land through dense undergrowth and scattered timber.
- 10.20 West house in row of houses extending E. in S. side of Latuda, Utah, bears E. about 65 lks. distant.
- 11.20 Telegraph line, bears NW. and SE.
- 11.67 Spring Canyon branch of D. & R. G. Ry., bears N.  $64^{\circ}37'$  W. and S.  $64^{\circ}37'$  E.
- 12.10 W. house in row of houses extending E., bears E. about 1 ch.
- 12.75 Bottom of Spring Canyon and wash, 50 lks. wide, 20 ft. deep, drains E.; ascend.
- 13.80 Spring Canyon highway, bears E. and W.
- 16.25 Telephone line, bears N.  $65^{\circ}$  W. and S.  $65^{\circ}$  E.; begin steep ascent over rocky S. slope.
- 16.87 Telephone line, bears N.  $65^{\circ}$  W. and S.  $65^{\circ}$  E.
- 17.56 W. from this point, 2.34 chs. distant, on top of a large sandstone boulder is a cross chiseled, with 5 grooves E. and 4 grooves S. of cross and WC to the N. These marks are typical for a witness cor. to the cor. of secs. 7, 8, 17, and 18 and are old. There appears to be no official record that a witness cor. to the cor. of secs. 7, 8, 17, and 18 was ever set and as the position of this cor. cannot in any way be made to agree with



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

leave the cross and WC.

17.70 Power line, bears NW. and SE.

19.75 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for south sixteenth-section cor. bet. secs. 7 and 8, with brass cap marked

S 1/16  
 S7 | S8  
 1925

from which

A pinon, 18 ins.diam., bears S.40° E., 112 lks.  
 dist., marked S 1/16 S 8 B T

A pinon, 15 ins.diam., bears N.43½°W., 66 lks.  
 dist., marked S 1/16 S 7 B T

Cor. stands on steep, rocky S. slope.

20.00 Base of sandstone ledge about 75 ft. high, bears N.80°W. and E. about 1 ch. distant, thence N.

20.50 Top of ledge, bears N.80°W., E. about 1 ch., thence N.  
 On the SE. face at top of the point of ledge is painted, "L I B E R T Y" for Liberty Fuel Co. A flag pole also stands on point of ledge.

Thence along rugged E. slope through scattering timber and undergrowth.

39.50½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

¼  
 S7 | S8  
 1925

from which

A cedar, 12 ins.diam., bears N.79°W., 148 lks.  
 dist., marked ¼ S 7 B T

No other trees are available and other accessories are impracticable.

Cor. stands on steep, rugged E. slope.

Continue along steep E. slope across unimportant spurs

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

and draws.

- 59.26 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for north sixteenth-section cor. bet. secs. 7 and 8, with brass cap marked

N 1/16  
 S7 | S8  
 1925

from which

A yellow pine, 36 ins. diam., bears N.10°E., 118

lks. distant, marked N 1/16 S 8 B T

A pine, 8 ins. diam., bears N.37°W., 44 lks.

dist., marked N 1/16 S 7 B T

- 60.00 Bottom of canyon, drains S.15°E.; ascend over W. and SW. slopes:

63.75 Power line, bears NW. and SE

66.00 Ledge about 20 ft. high, bears NW. and SE.

- 78.35 A pine tree, 18 ins. in dia., blazed on N. and S. faces; this is the line tree described in the original survey.

- 79.01 The original cor. of secs. 5, 6, 7 and 8, which is a sandstone, 18x14x5 ins., lying in an old, deeply embedded mound of stone, marked with 4 notches on E. and 4 notches on S. edge; the upper part of stone has been broken off; no accessories to cor.

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone with original cor. standing alongside for cor. of secs. 5, 6, 7 and 8, with brass cap marked

T13S | R9E  
 S6 | S5  
 S7 | S8  
 1925

from which

A pinon, 8 ins. diam., bears S.36°E., 115 lks.

dist., marked T.13 S R 9 E S 8 B T

A pinon, 14 ins. diam., bears S.57°W., 52 lks.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

dist., marked T 13 S R 9 E S 7 B T

No other bearing trees are available.

Cor. stands on general W. slope 300 ft. above canyon.

Land, rough mountainous; S. exposure and drainage.

Soil, mountain loam, clay and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, cedar, pinon and scattered pine.

Undergrowth, oak, sage, service berry, buck brush and mahogany.

From the reconstructed original cor. of secs. 4, 5, 8, and 9.  
S.  $87^{\circ}38'$  W., on true line bet. secs. 5 and 8.

Ascend general E. slope over rough mountainous land  
through scattered undergrowth and timber.

31.00 High spur, 800 ft. above sec. cor., projects S.; descend  
abruptly over ledges.

34.50 Base of ledges, bears N. and S.; continue abrupt descent  
over W. slope through timber and undergrowth.

45.01 $\frac{1}{2}$  Proportionate point for  $\frac{1}{4}$  sec. cor. falls on ledge where  
cor. cannot be set.

45.12 $\frac{1}{2}$  N. 50 lks. from this point,

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in  
the ground on solid rock and 18 ins. in a mound of  
stone for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass  
cap marked

$\frac{1}{4}$   $\frac{S5}{S8}$   
WC  
1925

from which

A pine, 14 ins. diam., bears N.  $35\frac{1}{2}^{\circ}$  E., 34 lks.

dist., marked W C  $\frac{1}{4}$  S 5 B T

A pine, 8 ins. diam., bears S.  $38\frac{1}{2}^{\circ}$  E., 51 lks.

dist., marked W C  $\frac{1}{4}$  S 8 B T

Cor. stands on W. slope, 700 ft. below spur; continue descent.

49.70 Bottom of Gilson Gulch, drains S.; ascend abruptly.

62.10 Ridge, 325 ft. above gulch, bears N. and S.; descend  
abruptly SW. slope.

63.20 Power line, bears NW. and SE.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 15 S. R. 9 E.

enlond

Chains

- 71.20 Sandstone ledge, about 15 ft. high, bears N. and S.  
 76.00 Draw, 450 ft. below ridge, drains SW.; ascend.  
 85.00 Spur, 125 ft. above draw, projects S. 20° W.; descend W.  
 slope 200 ft. to  
 90.03 The cor. of secs. 5, 6, 7, and 8.  
 Land, rough mountainous; general S. exposure and drainage  
 Soil, mountain loam and rocky of sandstone and limestone  
 formation; 2nd. and 4th. rates.  
 Timber, cedar and pinon with scattered pine and mahogany.  
 Undergrowth, service berry, oak, buck and sagebrush.

N. 87° 49' W., on true line bet. secs. 6 and 7.

Descend W. slope over rough mountainous land through tall  
 undergrowth and scattered timber.

- 1.75 Power line, bears N. 10° W. and S. 10° E.  
 5.50 Canyon, 200 ft. below sec. cor., drains S.  
 6.00 Canyon road, bears N. and S.; ascend abruptly E. slope.  
 12.90 Leave tall undergrowth, bears N. and S.  
 18.00 Leave timber, bears N. and S.  
 20.21½ Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
 the ground for east sixteenth-section cor. bet. secs.  
 6 and 7, with brass cap marked

E 1/16  $\frac{S6}{S7}$   
 1925

from which

An oak, 6 ins. diam., bears N. 75½° E., 47 lks.  
 dist., marked E 1/16 S 6 B T

An oak, 4 ins. diam., bears S. 22½° W., 12 lks.  
 dist., marked E 1/16 S 7 B T

- 27.80 Ridge, 540 ft. above canyon, bears N. 10° W. and S. 10° E.;  
 descend NW. and W. slopes 330 ft. through scattered  
 timber to

- 40.43 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground for ¼ sec. cor., with brass cap marked

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

$$\frac{S6}{S7}$$

1925

from which

a cedar, 8 ins.diam., bears S.  $49\frac{1}{2}^{\circ}$ W., 87 lks.

dist., marked  $\frac{1}{4}$  S 7 B T

a spruce, 20 ins.diam., bears N.  $42^{\circ}$ W., 82 lks.

dist., marked  $\frac{1}{4}$  S 6 B T

- 45.30 Canyon, 150 ft. below  $\frac{1}{4}$  sec. cor., drains SW.; ascend.
- 51.60 Spur, 50 ft. above canyon, projects S.; descend.
- 54.46 From this point a large water tank, bears N.  $24^{\circ}$ W.;  
chimney on N. house at Rains, Utah, bears S.  $19^{\circ}$ W..
- 56.40 Road, bears N. and S.
- 58.40 Power line, bears N. and S.
- 59.10 Canyon, in which the town of Rains, Utah is situated,  
260 ft. below spur, drains S.; ascend abruptly E. slope.
- 62.53 From this point water tank, bears N.  $17\frac{3}{4}^{\circ}$ E.; chimney on  
house, bears S.  $30\frac{1}{2}^{\circ}$ E.
- 72.00 Leave tall undergrowth and continue ascent over grassy  
slope.
- 74.55 Ridge, 600 ft. above canyon, bears N. and S.; descend  
abruptly W. slope 175 ft. to
- 79.27 The cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the  
Tp. heretofore described in the field notes of the  
resurvey of T.13 S., R.8 E., this group.  
Land, rough mountainous; general S. exposure and drainage.  
Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.  
Timber, cedar and pinon with scattering pine and spruce.  
Undergrowth, sage, oak, service berry, buck brush and  
mahogany.

From the reconstructed original cor. of secs. 5, 6, 7, and 8.  
N.  $1^{\circ}03'$ E., on true line bet. secs. 5 and 6.

ascend along W. slope of mountain through medium growth  
of sage, oak, service berry brush and mahogany.

- 4.00 Spur, 40 ft. above sec. cor., projects W.; descend.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S., R.9 E.

Chains

- 11.00 Power line, bears E. and W.
- 13.30 Draw, 100 ft. below spur, drains W. about 8 chs. to junction with canyon, thence S.; ascend.
- 17.50 Spur, 80 ft. above draw, projects SW. about 5 chs. dist., gradually descend.
- 20.10 Draw, 25 ft. below spur, drains SW.; ascend abruptly.
- 25.90 Spur, 200 ft. above draw, projects W.; descend grassy N. and NW. slopes.
- 38.20 Canyon, 260 ft. below spur, drains SW.; scattering pine timber, oak and maple undergrowth along canyon; ascend.
- 39.30 The original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x15x12 ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face; from which

A yellow pine, 36 ins.diam., bears S.73°E., 71

lks. dist., marked  $\frac{1}{4}$  S B T

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S6 | S5  
1925

from which

A pine, 6 ins.diam.; bears S.13 $\frac{3}{4}$ °W., 116 lks. dist., marked  $\frac{1}{4}$  S 6 B T

Thence

N.6°43'E., with continuous measurement.

Ascend rugged S. slope through oak brush.

- 54.50 Top of sandstone ledge, 50 ft. high, bears NE. and SW.; enter scattering cedar and pinon timber.
- 56.30 Spur, 360 ft. above  $\frac{1}{4}$  sec. cor., projects E.; descend along broken E. slope.
- 58.30 Enter large pine timber, bears E. and W.
- 71.80 Enter medium growth of large pine timber and dense, tall undergrowth, bears E. and W.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T.13 S. R.9 E.

chains

74.80 Canyon, 225 ft. below spur, drains S.30°E.; ascend 120 ft. over rugged W. slope through dense timber and undergrowth.

84.75 The cor. of secs. 5 and 6 on the N. bdy. of the Tp. as reestablished by John R. Stewart and Claude L. Heist, U. S. surveyors, under Group 13, Utah, in 1912, which is an iron post, 3 ins. in dia., firmly set in the ground, with brass cap marked.

|      |     |
|------|-----|
| 36   | S5  |
| T13S | R9E |

1912

from which

A pine, 18 ins. diam., bears S. 61° E., 22 lks.

dist., marked T 13 S R 9 E S 5 B T

No trace of the bearing tree in sec. 6 could be found, therefore, I mark another tree as follows:

A pine, 14 ins. diam., bears S. 69° W., 125 lks.

dist., marked T 13 S R 9 E S 6 B T

Land, rough mountainous; general S. drainage.

Soil, mountain loam and rocky of sandstone and limestone formation; 2nd. and 4th. rates.

Timber, cedar and pinon with medium growth of pine and spruce in N. half mile.

Undergrowth, oak, sage, service berry, maple and buck brush.

## DEPENDENT RESURVEY OF T. 13 S., R. 9 E.

## BOUNDARIES OF T. 13 S., R. 9 E.

## LATITUDES, DEPARTURES AND CLOSING ERRORS

| Lines designated.        | True bearings | Dist-ances | Latitudes |        | Departures |        |
|--------------------------|---------------|------------|-----------|--------|------------|--------|
|                          |               |            | N         | S      | E          | W      |
|                          |               |            | chs       | chs    | chs        | chs    |
| W.bdy.T13SR9E            | S.4°14'W.     | 80.42      | .....     | 80.20  | .....      | 5.94   |
| "                        | S.0°50'W.     | 40.05      | .....     | 40.05  | .....      | .58    |
| "                        | S.1°10'W.     | 40.37      | .....     | 40.36  | .....      | .82    |
| "                        | S.0°32'W.     | 41.06      | .....     | 41.06  | .....      | .38    |
| "                        | S.3°03'E.     | 197.95     | .....     | 197.67 | 10.53      | .....  |
| "                        | S.0°16'W.     | 40.08      | .....     | 40.08  | .....      | .19    |
| "                        | S.0°16'E.     | 40.17      | .....     | 40.17  | .19        | .....  |
| S.bdy.T13SR9E            | N.89°41'E.    | 38.82      | .21       | .....  | 38.82      | .....  |
| "                        | N.89°47'E.    | 39.80      | .15       | .....  | 39.80      | .....  |
| "                        | N.89°31'E.    | 40.00      | .34       | .....  | 40.00      | .....  |
| "                        | N.89°36'E.    | 40.09      | .28       | .....  | 40.09      | .....  |
| "                        | S.89°42'E.    | 40.37      | .....     | .21    | 40.37      | .....  |
| "                        | S.89°49'E.    | 40.11      | .....     | .13    | 40.11      | .....  |
| "                        | S.89°53'E.    | 80.42      | .....     | .16    | 80.42      | .....  |
| "                        | S.89°54'E.    | 40.17      | .....     | .07    | 40.17      | .....  |
| "                        | N.89°57'E.    | 40.18      | .03       | .....  | 40.18      | .....  |
| "                        | S.89°57'E.    | 39.92      | .....     | .38    | 39.92      | .....  |
| "                        | N.89°41'E.    | 40.24      | .19       | .....  | 40.24      | .....  |
| E.bdy.T13SR9E            | N.0°03'E.     | 80.53      | 80.53     | .....  | .07        | .....  |
| "                        | N.0°06'E.     | 80.30      | 80.30     | .....  | .14        | .....  |
| "                        | N.0°47'E.     | 80.95      | 80.94     | .....  | 1.11       | .....  |
| "                        | N.0°31'W.     | 162.08     | 162.07    | .....  | .....      | 1.46   |
| "                        | N.0°06'E.     | 80.00      | 80.00     | .....  | .14        | .....  |
| N.bdy.T13SR9E            | N.89°28'W.    | 67.19      | .63       | .....  | .....      | 67.19  |
| "                        | West          | 12.06      | .....     | .....  | .....      | 12.06  |
| "                        | S.89°56'E.    | 80.29      | .....     | .09    | .....      | 80.29  |
| "                        | S.89°05'W.    | 80.83      | .....     | 1.29   | .....      | 80.82  |
| "                        | S.89°17'W.    | 81.32      | .....     | 1.02   | .....      | 81.31  |
| "                        | S.89°05'W.    | 159.87     | .....     | 2.56   | .....      | 159.85 |
| Convergency              |               |            | .....     | .....  | .....      | .60    |
| Totals                   |               |            | 485.67    | 485.50 | 492.30     | 491.49 |
|                          |               |            | 485.50    |        |            |        |
| Error in latitude .....  |               |            | .17       |        | 491.49     |        |
| Error in departure ..... |               |            |           |        | .81        |        |



## GENERAL DESCRIPTION

With the exception of the south two tiers of sections and portions of secs. 13 and 24, this township is rough and mountainous and is situated on the south breaks of the Wasatch Plateau, the elevation ranging from 5800 ft. in sec. 36 to approximately 8500 ft. above sea in secs. 4 and 5. The general exposure and drainage is to the south, the eastern portion being drained by Price River which enters the township in sec. 1 and leaving in sec. 36; the northern portion by Spring Canyon and the south part by Wildcat Canyon. The two latter canyons drain into Price River, the junction of Spring Canyon being in sec. 13 and Wildcat Canyon in sec. 36. Price River emerges from its canyon course through the Wasatch Plateau which terminates abruptly in sec. 13 and here the Price River Valley starts to widen out.

The land along Price River in the valley is all gently rolling and the soil is a rich sandy loam. All the available land along the stream is now under cultivation, the ranchers providing hay and grain for dairy stock and garden produce for the numerous neighboring mining camps.

South of Wildcat Canyon the land may be termed bench or table land and the soil ranges from sandy loam to a heavy clay. In numerous places sandstone capping is found close to the surface. Experiments with dry farming of small areas of the rolling bench in secs. 29, 30, 31 and 32 have from all indications proved unsuccessful.

With the exception of small isolated tracts in secs. 23 and 26, the land rises abruptly from Wildcat Canyon over precipitous slopes, sandstone ledges and outcroppings, all facing south and which are practically inaccessible to a high mountain ridge which enters the township in sec. 18 and extends in an easterly direction to sec. 23. This ridge forms the divide between Spring Canyon to the north and Castle Valley to the south.

## GENERAL DESCRIPTION

North from this ridge the land slopes abruptly into Spring Canyon and to the north of Spring Canyon the country is a typical rugged mountain region consisting of high ridges and spurs which bear in a general N. and S. direction and separated by deep canyons draining into Spring Canyon.

The soil of the mountain regions south of secs. 14 to 18 inclusive is a brown and blue friable clay mixed with sandstone rock with numerous sandstone ledges and outcroppings. North of the divide between Spring Canyon and Castle Valley the soil is of better quality consisting more of a brown mountain loam streaked with rock; there are, however, especially on the breaks immediately north of Spring Canyon large areas broken by sandstone ledges and outcroppings, with talus slopes of brown and blue friable clay. The mountain loam soil supports a luxuriant growth of rich grass and this feature is most noticeable on the north slopes. Juniper (locally called "Cedar") and pinon timber grows on the entire township while on the sheltered north slopes and near the canyon bottoms considerable large spruce and pine timber is found. In addition to the timber desert shrubs, such as sagebrush, shadscale and greasewood predominate in the lower regions while on the higher lands oak, service berry, maple, buck brush and mahogany are found.

The east and north portions of the township are watered by Price River and Spring Canyons together with their tributaries and by numerous springs. The water in these streams contains much mineral, therefore, most of the water used for culinary purposes is secured from the springs which have been developed by interested parties, piped to large storage tanks and then distributed. The south portion of the township is arid; what little water is in Wildcat Canyon contains so much mineral it is not used for any purpose.

## GENERAL DESCRIPTION

The north half of this township is located in what appears to be the heart of the Utah Coal fields and probably are the most valuable lands of like area in the state. Millions of dollars have been spent by the several coal companies in railroads, tramways, water works, buildings, electric plants, tipples and miles of underground workings. This area is a labyrinth of tunnels and underground workings of the coal mines. The general indications are that the coal seams north of Spring Canyon dip to the north while to the south they rise and terminate on the extreme S. break of the plateau. Surface indications of coal in this portion of the township were noted frequently.

Castlegate, Utah, a typical coal mining town of approximately 800 inhabitants is located at the confluence of Willow Creek and Price River in sec. 1 and extends along the bottom of each canyon. The coal from Castlegate No. 2 mine, the entry to which is about 8 chs. SE. of the cor. of Tps. 12 and 13 S., Rs. 9 and 10 E. is carried from the mine over an electric Ry. to the tipple near the cor. of secs. 1, 2, 35 and 36 on the north boundary of the township. Castlegate No. 1 coal mine entry is about 15 chs. SE. of the cor. of secs. 1, 2, 35 and 36 on the north boundary of the township; the workings of this mine extend into secs. 2 and 3.

Heiner, Utah, another coal mining town with a population of about 200 people is situated at the mouth of Panther Canyon on Price River near the center of sec. 12. The miners of this town are employed at the Panther mine the entry to which is in the SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 1 and the workings extend into T. 13 S., R. 10 E. The coal from this mine is carried to the tipple about 25 chs. westerly of the mine entry by tramway and there loaded into cars on the main line of the D. & R. G. Ry.

Peerless, Utah, with a population of about 200 people is situated in Spring Canyon in secs. 15 and 16; the entries

## GENERAL DESCRIPTION

to the Peerless No. 1 and No. 2 coal mines however, are <sup>in</sup> the SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 10 and NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 15 respectively.

The No. 1 mine extends in a northerly direction while mine No. 2 is just being opened. All the coal from these mines is carried to the tipple in sec. 16 by tram.

Storrs, recently changed to Spring Canyon, Utah, with a population of about 800 is situated in secs. 9 and 16. The entry to one of the Spring Canyon Coal Cos. mines is in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 9 while the entry to the main mine is near the center of sec. 9. The coal from these mines is carried over a tramway to the tipple in sec. 16. This company maintains the largest tipple of any of the coal mines in Spring Canyon.

Standardville, Utah, the largest and most modern of all the mining camps in Spring Canyon is situated in sec. 17 and has a population of about 850 people. The entry to the Standard Coal Cos. Mine is near the center of sec. 8 and their tipple is in sec. 17.

Latuda, Utah, with a population of about 150 people is situated in secs. 7 and 8 and is the field headquarters for the Liberty Fuel Co. Coal Mine, the entry to which is near the center of the SE $\frac{1}{4}$  sec. 7.

Rains, Utah, with a population of about 300 is situated in the NW $\frac{1}{4}$  sec. 7 and is the field headquarters of the Carbon Fuel Co., the entry to their mine being in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 7.

Mutual, Utah, is also situated in sec. 7; their mines however, are all in T. 13 S., R. 8 E. and only the tramway and tipple being in sec. 7.

The business section of the incorporated city of Helper, Utah, is located in sec. 24; new or upper Helper is also in sec. 24 and partly in sec. 13. This is a thriving mining town on the main line of the D. & R. G. Ry. and is the junction for railroads leading to Spring Canyon and Kenilworth, Utah. At one time Helper was a division on the main line of the D. & R. G. Ry.

## GENERAL DESCRIPTION

The village of Spring Glenn, Utah, is located along the east boundary of the township in sec. 25 and is a strictly agricultural town with a population of about 300 people.

The Hardscrabble Coal Mine is situated in Hardscrabble Canyon in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 10 and was not visible from line in the field. The improvements and output from this mine are small compared with the other mines in this district.

Little Standard Coal Mine in lot 3, sec. 7 was not in operation during the time of this resurvey.

In addition to the above named mining towns and villages numerous other settlers are residing along Price River and in Spring Canyon and are engaged in mining, rail-roading or gardening.

The main line of the D. & R.G.Ry. from Denver Colorado to Salt Lake City, Utah follows Price River in the eastern range of sections in this township. The Spring Canyon branch of this railroad leaves the main line in sec. 13 and terminates at Mutual, Utah in sec. 7. The Utah Railroad operates over the main line of the D. & R.G.Ry to Utah Ry. Junction in sec. 12, thence over its own line into Spring Canyon in sec. 23 at which point it branches with one line extending to Standardville, Ut. in Spring Canyon and the other in a southwesterly direction to Hiawatha, Utah and the Gordon Creek Coal fields in T. 13 S., R. 8 E. The Kenilworth branch of the D. & R.G.Ry. leaves the main line in sec. 25 and runs in an easterly direction.

No magnetic declination was taken in this township on account of defective needles.

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## CERTIFICATE OF UNITED STATES SURVEYORS.

WE, Howard W. Miller and Andrew Nelson, U.S. Cadastral Engineers  
Ralph W. Hodge, Robert C. Yundt, and  
Willis W. Bandy, U. S. Surveyors hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah  
 bearing date of the 11th day of July, 1923, we have well, faithfully, and  
 in our own proper person, and in strict conformity with said instructions, the Manual of Surveying In-  
 structions, and the laws of the United States, re- surveyed all those parts or portions of north, east,  
south boundaries and subdivision of T.13 S., R.9 E.

of the Salt Lake Base  
and Meridian, in the State of Utah, which are represent-  
 the foregoing field notes as having been executed by us and under our direction; and that all the corners  
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying In-  
 structions, and the special written instructions of the U. S. Surveyor General for Utah  
 and in the specific manner described in the field notes, and that the foregoing are the original field notes  
 such survey. Certified to at:

Salt Lake City, Utah, Dec. 6, 1928  
Salt Lake City, Utah, July 26, 1926  
Washington, D. C. August 9, 1926  
Salt Lake City, Utah, July 26, 1926  
Salle, Wisconsin, Aug. 13, 1926

Howard W. Miller  
Andrew Nelson  
Ralph W. Hodge  
Robert C. Yundt  
Willis W. Bandy

APPROVAL.  
U. S. Surveyors  
Office of the United States Surveyor General  
Office of U. S. Supervisor of Surveys  
Denver, Colorado MAR 7 1930

The foregoing field notes of the survey of the dependent resurvey of the east,  
south, and north boundaries and subdivision of T. 13 S. R. 9 E.  
of the Salt Lake Base and Meridian, Utah

executed by Howard W. Miller and Andrew Nelson, U. S. Cadastral  
Engineers, and Ralph W. Hodge, Robert C. Yundt, and Willis W. Bandy,  
Surveyors  
 under his special instructions dated July 11, 1923, having  
 critically examined, and the necessary corrections and explanations made, the said field notes, and the  
 they describe, are hereby approved.

U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above-described surveys in

has been correctly copied from the original notes on file in this office



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RECEIVED

JAN 4 1926

Department of the Interior  
Public Survey Office  
Salt Lake City, Utah

BOOK A-483

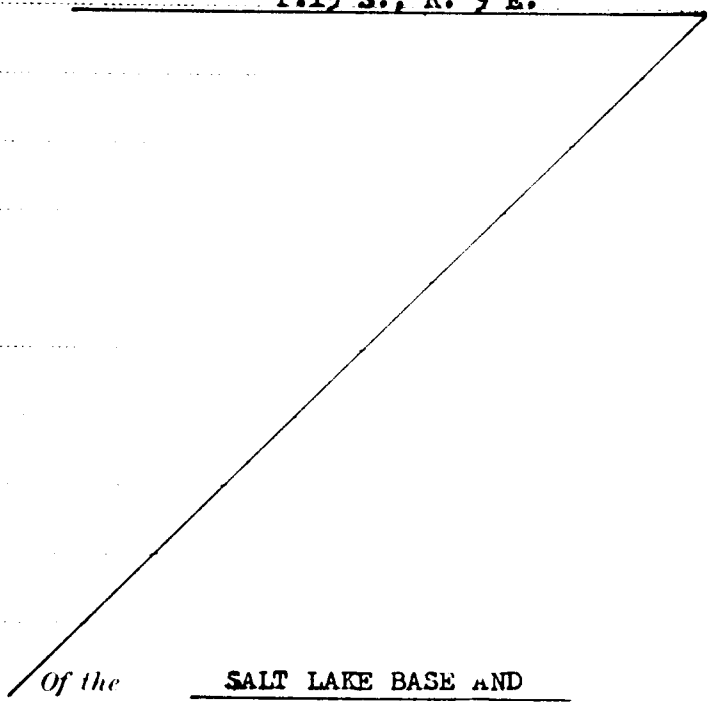
# FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION-OF-SECTION LINES IN SECTIONS

7, 11, 14, 15, AND 17,

T.13 S., R. 9 E.



Of the

SALT LAKE BASE AND

Meridian,

in the State of

UTAH

EXECUTED BY

Howard W. Miller and Andrew Nelson, U.S. Cadastral Engineers

and

Willis W. Bandy

in the capacity of U. S. Surveyor, under instructions dated July 11 <sup>1923</sup> ~~1921~~

issued by the United States Surveyor General to govern surveys included in

Group No. 123, which were approved by the Commissioner of the General Land

Office, July 23, <sup>1923</sup> ~~1921~~; and Supplemental Assignment Instructions

dated May 10, 1925, October 19, 1925 and November 7, 1925.

HWM Survey commenced October 30, 1925, ~~1924~~

Survey completed November 24, 1925, ~~1924~~

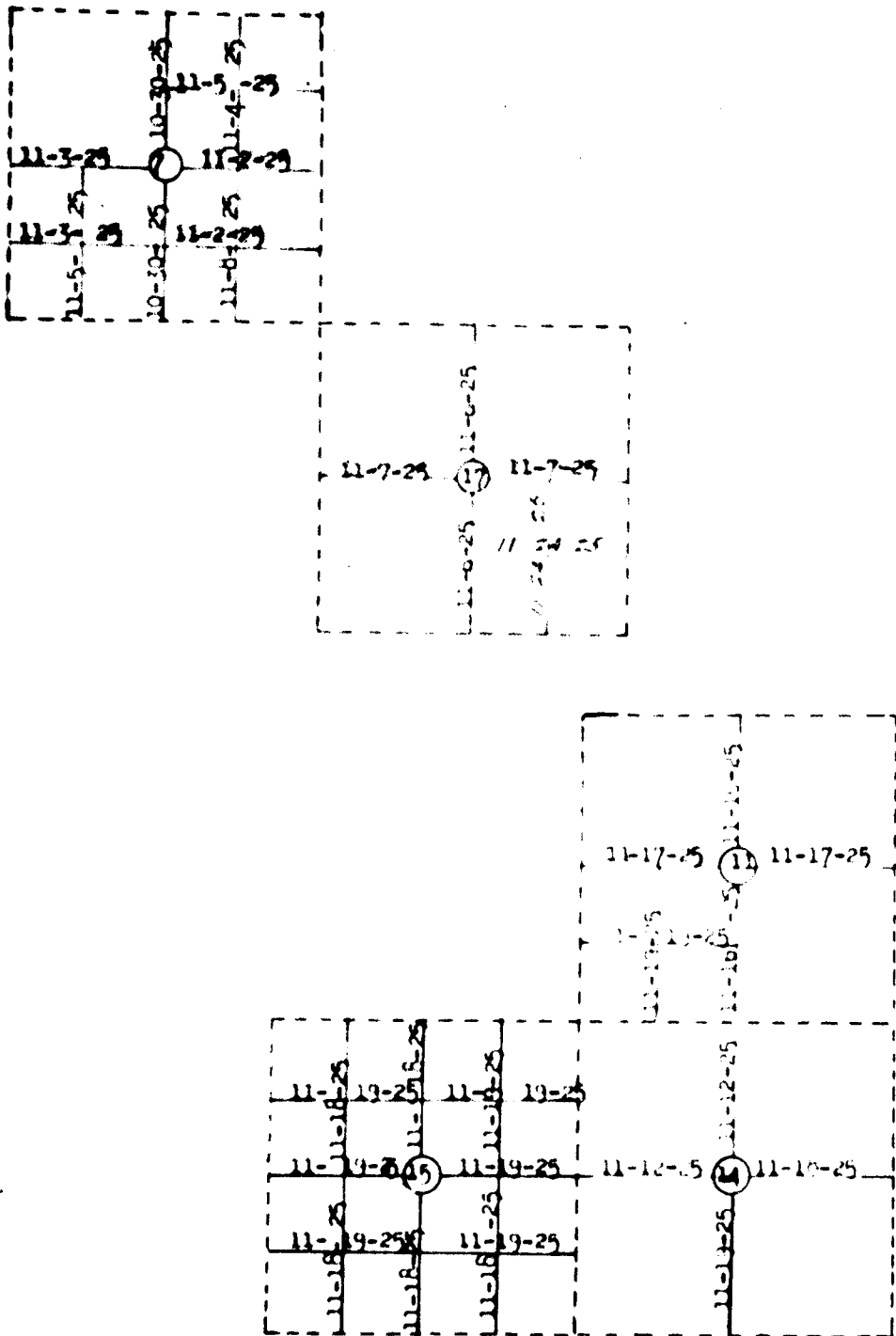
# INDEX DIAGRAM.

Township 13 South, Range 9 East.

|   |  |    |  |   |    |
|---|--|----|--|---|----|
| 6   | 5  | 4  | 3  | 2   | 1  |
| <div> <div>6</div> <div>9 9</div> <div>8 7 5 7 8 7</div> <div>13 12 5 11 11</div> <div>12 4 11</div> </div> | 8  | 9  | 10   | <div> <div>14</div> <div>16 11 15</div> <div>18 17 14</div> <div>17 13</div> </div> | 12 |
| 18  | <div> <div>33</div> <div>34 17 34</div> <div>36</div> <div>37 37 37</div> <div>35</div> </div> | 16 | <div> <div>21 21 23 26 26</div> <div>25 24 23 25</div> <div>25 24 15 24 24</div> <div>29 20 22 27</div> <div>28 28 27</div> </div> | <div> <div>19</div> <div>20 14 20</div> <div>18</div> </div>                        | 13 |
| 19  | 20   | 21 | 22   | 23  | 24 |
| 30  | 29   | 28 | 27   | 26  | 25 |
| 31  | 32   | 33 | 34   | 35  | 36 |

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## DATE DIAGRAM



Lines dated and colored with black ink were surveyed by Howard W. Miller, U. S. cadastral engineer.

Lines dated and colored with red ink were surveyed by Willis W. Bandy, U. S. surveyor.

Lines dated and colored with blue ink were surveyed jointly by Andrew Nelson, U. S. cadastral engineer and Willis W. Bandy, U. S. surveyor.

### INSTRUMENTS

Survey commenced October 30, 1925 and executed with Buff and Buff transit No. 16726, 1924 model, used by Howard W. Miller, U. S. cadastral engineer, and Young and Sons transit No. 8513, used jointly by Andrew Nelson, U. S. cadastral engineer and Willis W. Bandy, U. S. surveyor. Each instrument is equipt with Smith solar attachment and full vertical circle; the horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs and verticle circle. All azimuth determinations are accomplished with the solar attachments and checked by observations made on Polaris in the field.

These subdivision-of-section surveys were executed in conjunction with the dependent resurvey of T.13 S., R. 9 E.; for complete tests of these instruments see book "E" of this group.

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### MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 and 8 chs. in length, compared with a Lufkin standard steel tape 1 ch. long and found correct. The measurements are made on the slope, the verticle angle determined with a clinometer or by the transit and the slope measurements properly reduced to true horizontal distances.

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### METHOD AND ORDER OF PROCEDURE

In conjunction with the dependent resurvey of T.13 S., R. 9 E., certain subdivision-of-section surveys were executed within the township, being based upon the request of the U. S. Bureau of Mines, and authorized by

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

Chains

the supplemental special instructions under Group 123, Utah, dated July 11, 1923.

These subdivisional surveys were confined to the NE $\frac{1}{4}$  and S $\frac{1}{2}$  sec. 7; SE $\frac{1}{4}$  sec. 17; SW $\frac{1}{4}$  sec. 11; and all of sec. 15, together with the establishment of the center lines of the above secs. and the center lines of sec. 14 and were made for the purpose of fixing the lines of partition between patented areas and Government lands leased or subject to lease under the Act of February 25, 1920. These surveys were confined to the particular quarters of each section subdivided by reason of the fact that all entries or subdivisions adjacent to the leased lands within the section appear to be patented, and for the best interest of the Government it was considered expedient at this time to confine the subdivisional work to each portion of the section subdivided.

In the execution of these surveys the legal center of each section subdivided was first determined by running straight lines from the quarter-section cors. of the particular section to the opposite corresponding cor. The point of intersection of the lines thus run determined the center of the section where a center quarter section cor. was established.

The sixteenth-section cors. were established at points midway between the section and quarter-section cors., and midway between the quarter-section cors. and the center of the section, except the center west sixteenth-section cor. sec. 7, the west sixteenth-section cor. bet. secs. 7 and 18 and the north sixteenth-section cors. bet. secs. 4 and 5, 3 and 4 and bet. secs. 2 and 3 which were established by proportionate measurement.

The sixteenth-section cors. having been established as stated above, the center lines of the quarter-sections subdivided were run straight between opposite corresponding sixteenth-section cors. on the quarter section boundaries. The intersection of the lines thus run

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SUBDIVISION-OF-SECTIONS, T.15 S., R.9 E.

Chains

determined the center of the quarter section where a proper sixteenth-section cor. was established. The establishment of the sixteenth-section cors. on the section lines is recorded in book "E", of this group.

SUBDIVISION-OF-SECTIONS.

TRUE LINES

SUBDIVISION-OF-SECTION 7

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 18 described in book "E", this group.

N.  $0^{\circ}32'W.$ , on N. and S. center line sec. 7.

Ascend S. slope over high, rough mountainous land through medium growth of timber and undergrowth.

2.60 High ridge, 75 ft. above cor., bears about E. and W.; descend N. and NE. slopes 300 ft.

19.80 Power line, bears N.  $80^{\circ}W.$  and S.  $80^{\circ}E.$

19.93 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for center south sixteenth-section cor., with brass cap marked

$$\begin{array}{c} C \\ S \ 1/16 \quad | \quad S7 \\ C. \\ 1925 \end{array}$$

from which

A mahogany, 6 ins. diam., bears N.  $32\frac{1}{2}^{\circ}E.$ , 38 lks dist., marked C S 1/16 S 7 B T

A mahogany, 6 ins. diam., bears S.  $29\frac{1}{2}^{\circ}W.$ , 63 lks dist., marked C S 1/16 S 7 B T

Continue descent of 430 ft. to center  $\frac{1}{4}$  sec. cor.



## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

## Chains

- 29.00 Spur, projects NE.; descend N. slope.
- 39.87 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for center  $\frac{1}{4}$  sec. cor. sec. 7, with brass cap marked
- C  $\frac{1}{4}$  S 7
- 1925
- from which
- A pine, 15 ins. diam., bears N.  $14\frac{1}{2}^{\circ}$  W., 76 lks.  
dist., marked C  $\frac{1}{4}$  S 7 B T
- A pine; 8 ins. diam., bears S.  $28\frac{1}{2}^{\circ}$  E., 42 lks.  
dist., marked C  $\frac{1}{4}$  S 7 B T
- The regulation 1 inch iron survey post was not available for the establishment of this cor.
- 43.10 Spring Canyon branch of D. & R. G. Ry., in south side of bottom of Spring Canyon, bears S.  $80^{\circ}$  E. and W.; thence across canyon.
- 44.45 Spring Canyon highway, bears S.  $80^{\circ}$  E. and W.
- 44.60 Bottom of Spring Canyon, 150 ft. below center  $\frac{1}{4}$  sec. cor., drains E.; telephone line, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.; ascend in canyon.
- 46.60 D. & R. G. Ry. siding at tipple of Carbon Fuel Co.; bears E. and W.
- 47.15 SE. cor. of stable of Carbon Fuel Co.; the lower end of Rains; Utah, which extends northwesterly in a fork of Spring Canyon, is immediately W. of line; considerable improvements and buildings of Carbon Fuel Co., extend E. and W. in canyon; begin abrupt ascent over S. slope.
- 47.65 Power line, bears E. and W.
- 48.80 Power line, bears E. and W.
- 59.75 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for center north sixteenth-section cor. sec. 7, with brass cap marked

C  
N  $1/16$  } S 7  
C  
1925

## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

## Chains

from which

A pinon, 10 ins.diam., bears S.80½°E., 271 lks.

dist., marked C N 1/16 S 7 B T

A cedar, 12 ins.diam., bears S.66°W., 220 lks.

dist., marked C N 1/16 S 7 B T

Cor. stands on steep general S. slope 370 ft. above cany

Continue abrupt ascent.

69.00 Spur, 250 ft. above sixteenth-section cor., projects W.;

descend 250 ft. to

79.63 The reestablished ¼ sec. cor. bet. secs. 6 and 7, descri

in book "E", this group.

Land, rough mountainous.

Soil, mountain loam and rocky of sandstone formation; 2n

and 4th. rates.

Timber, cedar, pinon, mahogany and scattering pine.

Undergrowth, oak, sage, service berry, maple and buck  
brush.

From the reestablished ¼ sec. cor. bet. secs. 7 and 8,

described in book "E", this group.

N.88°12'W., on E. and W. center line sec. 7.

Ascend abruptly E. slope over rough mountainous land

through scattering timber and undergrowth.

8.45 Ridge, 350 ft. above ¼ sec. cor., bears N. and S.; from

this point, E. end of tipple at Liberty Fuel Co., bear

S.40°30'W.; S. end of tipple at Carbon Fuel Co., bears

N.73°40'W.; descend precipitous slopes of Spring Cany

530 ft. to

20.18 Point for center east sixteenth-section cor. sec. 7 will

fall in grade of railroad siding; therefore, at this

point,

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in

the ground for witness cor. to the center east sixteen

th-section cor. sec. 7, with brass cap marked

WC C —  $\frac{E \ 1/16}{87}$  — C

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

| Chains | from which   |
|--------|--|
|        | Sandstone boulder, 5x4x3 ft. showing, marked<br>X BO 37, bears N.45°W., 6 lks. distant.  |
|        | No other bearing objects or trees available.   |
|        | Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  |
| 20.65  | Point for center east sixteenth-section cor. sec. 7 falls<br>in grade of railroad siding in east edge of bottom of<br>Spring Canyon, bears NW. and S.; thence in canyon. |
| 20.76  | Railroad siding leading to tipple of Carbon Fuel Co.,<br>bears N. and S.   |
| 22.10  | Spring Canyon branch of D. & R. G. Ry., bears S., N. about<br>1 ch. thence NW.   |
| 22.27  | From this point, E. end of tipple at Liberty Fuel Co.<br>Coal Mine, bears S.4°W.; S. end of tipple at Carbon<br>Fuel Co. Coal Mine, bears N.60°W.                        |
| 22.50  | Spring Canyon Highway, bears S., N. about 1 ch. thence W.  |
| 23.20  | Telephone line, bears NW. and S.   |
| 23.45  | Bottom of Spring Canyon, drains S.; ascend along general<br>N. slope at point of spur.   |
| 24.00  | N. end of railroad siding at Liberty Fuel Co. Coal Mine;<br>track extends in a southerly direction to tipple.  |
| 24.80  | Telephone line, bears NW. and S.   |
| 27.00  | Power line, bears NW. and SE.  |
| 41.30  | The center quarter-section cor. sec. 7 heretofore<br>described.  |
| 48.50  | Spring Canyon branch of D. & R. G. Ry. in S. edge of<br>bottom of Spring Canyon, bears NE. and SW.; thence in<br>canyon.   |
| 49.80  | Spring canyon highway, bears NE. and SW.   |
| 50.00  | Bottom of Spring Canyon, drains N.50°E.; thence along<br>N. side of bottom of canyon.  |
| 54.90  | Enter row of houses extending W. in lower Rains and<br>Mutual, Utah; other buildings extend E. and W. on both<br>sides of line.  |
| 57.10  | Power line, bears NE. and SW.  |
| 61.95  | Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in  |

## SUBDIVISION-OF-SECTIONS. T.13 S., R.9 E.

Chains

the ground for center west sixteenth-section cor.sec.  
7, with brass cap marked

$$\begin{array}{c} W \ 1/16 \\ C \text{---} \text{---} C \\ S7 \\ 1925 \end{array}$$

from which

Sandstone boulder, 20x15x15 ft., marked X B0 S7  
bears N.21°W., 32 lks. distant.

No other bearing objects available; deposit about 1 quart  
of glass at base of monument.

65.80 Intersect tipple of Mutual Coal Mines; track from tipple  
extends northerly to mine entries.

65.90 Spring Canyon highway, bears NW. and SE.

71.30 Office of Mutual Coal Mines Co., bears N. about 50 lks.  
distant and is situated at the junction of Burnt Tree  
Fork and South Fork of Spring Canyon; ascend along  
rugged S. slope leaving buildings and improvements and  
entering dense undergrowth.

81.10 The  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 12 on the W. bdy. of the  
Tp. described in the field notes of the resurvey of  
T.13 S., R.9 E., book "C", this group.

Land, rough and broken near bottom of Spring Canyon.

Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.

Timber, scattering cedar, pinon and pine.

Undergrowth, oak, sage, service berry and buck brush.

From the true point for the center east sixteenth-section  
cor. sec. 7 heretofore described.

N.1°11'W., on true N. and S. center line NE $\frac{1}{4}$  sec. 7.

Ascend along rugged W. slope over rough mountainous  
land.

8.00 Draw, 250 ft. above sixteenth-section cor., drains SW.;  
ascend abruptly general S. slope.

11.80 Top of sandstone ledge about 50 ft. high, bears E. about  
4 chs. thence SE. and W. about 3 chs. thence NW.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

17.00 Spur, 400 ft. above draw, projects SW.; thence along W. and SW. slopes ascending.

19.77 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for NE 1/16 sec. cor. sec. 7, with brass cap marked

NE1/16S7

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

31.00 Ridge, 125 ft. above NE 1/16 sec. cor., bears NW. and SE.; descend NE. slope 130 ft. to

39.59 The east sixteenth-section cor. bet. secs. 6 and 7 described in book "E", this group.

Land, mountainous.

Soil, mountain loam and rocky of sandstone formation; 2nd. and 4th. rates.

Timber, a few scattering cedar and pinon.

Undergrowth, oak, sage, service berry brush and grass.

From the north sixteenth-section cor. bet. secs. 7 and 8 described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.

N.87°57'W. on E. and W. center line NE.  $\frac{1}{16}$  sec. 7.

Ascend abruptly E. slope over rugged mountainous land through scattering timber and undergrowth.

9.00 Leave timber, bears N. and S.

14.50 Ridge, 550 ft. above sixteenth-section cor., bears N.10°W., and S.10°E.; from this point the entry to the Carbon Fuel Co. Mine, bears S.79°40'W.; descend SW. slope 125 ft. to

20.45 The NE. 1/16 sec. cor. sec. 7 heretofore described.

28.75 Draw, 200 ft. below NE.1/16 sec. cor., drains SW.; power line, bears NE. and SW.; air shaft in Carbon Fuel Co. Mine, bears NE. about 75 lks. distant; manway to mine bears NE. about 1.50 chs. distant.

Ascend SE. slope.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

- 34.40 Entry to Carbon Fuel Co. Mine, bears S. 75°40'E.  
 35.90 Spur, 225 ft. above draw, projects SW.; descend along  
 S. slope 50 ft. to  
 40.87 The center north sixteenth-section cor. sec. 7, heretofore described.

Land, rough mountainous.

Soil, mountain loam and rocky; 2nd. and 4th. rates.

Timber, scattering cedar and pinon on E. 9.00 chs.

Undergrowth, oak, sage, service berry brush and grass.

From the east sixteenth-section cor. bet. secs. 7 and 18 described in the field notes of the resurvey of T.13 S. R.9 E., book "E", this group.

N. 1°14'W., on N. and S. center line SE.  $\frac{1}{4}$  sec. 7.

Ascend over mountainous land through dense undergrowth.

- 1.25 High ridge, bears about E. and W.; descend abruptly N. and NE. slopes.  
 2.50 Enter scattering timber, bears E. and W.  
 14.00 Draw, 550 ft. below ridge, drains NE.; descend more gradually entering bottom of Spring Canyon.  
 18.60 Ry. siding at Liberty Fuel Co. Coal Mine, bears NW. and  
 19.84 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in the ground for SE.  $\frac{1}{16}$  sec. cor. sec. 7, with brass cap marked

SE  $\frac{1}{16}$  S 7

1925

from which

An oak, 6 ins. diam., bears N. 35°E., 35 lks.

dist., marked SE  $\frac{1}{16}$  S 7 B T

An oak, 6 ins. diam., bears S. 38°E., 81 lks.

dist., marked SE  $\frac{1}{16}$  S 7 B T

- 22.00 Ry siding leading to tipple at Liberty Fuel Co. Coal Mine bears E. and W.

- 24.60 Wash, 50 lks. wide, 20 ft. deep, in bottom of Spring Canyon, drains SE.; ascend along E. side of bottom of

canyon.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

| Chains |  |
|--------|--|
| 26.80  | Main line Spring Canyon branch of D. & R. G. Ry., bears NW. and SE.  |
| 27.15  | Power line; bears E. and W.  |
| 27.70  | Spring Canyon highway, bears NW. and SE.   |
| 33.80  | Enter Ry. siding leading to tipple at Carbon Fuel Co. Coal Mine, bears N. $1^{\circ}15'$ W.  |
| 39.00  | Leave siding, turns NW.  |
| 39.65  | The true point for the center east sixteenth-section cor. sec. 7, heretofore described.  |
|        | Land, rough mountainous and broken canyon bottom.  |
|        | Soil, mountain loam and rocky; 2nd. and 4th. rates.  |
|        | Timber, scattering cedar, pinon and pine.  |
|        | Undergrowth, oak, service berry brush, maple and grass.  |
|        | From the south sixteenth-section cor. bet. secs. 7 and 8, described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group. |
|        | N. $88^{\circ}23'$ W., on E. and W. center line SE. $\frac{1}{4}$ sec. 7.  |
|        | Descend along rugged S. slope of Spring Canyon, through scattering timber and undergrowth.   |
| 6.00   | Power line; bears NW. and SE.  |
| 6.40   | The NW. cor. of the Office of the Liberty Fuel Co. at Latuda, Utah, bears S. about 25 lks. distant.  |
| 11.20  | Spring Canyon highway, bears NW. and SE.   |
| 14.15  | Spring Canyon branch of D. & R. G. Ry., bears NW. and SE.  |
| 15.10  | Ry. siding leading to tipple at Liberty Fuel Co. Mine, bears NW. and SE.   |
| 17.65  | Wash, 50 lks. wide, 20 ft. deep, in bottom of Spring Canyon, drains SE.; ascend.   |
| 20.95  | The SE. $\frac{1}{16}$ sec. cor. sec. 7, heretofore described.   |
| 22.60  | Ry. siding leading to tipple at Liberty Fuel Co. Coal Mine; bears N. and S.  |
| 28.50  | Entry to the Liberty Fuel Co. Coal Mine bears N. 70 lks. distant.  |
| 29.80  | Telephone line, bears NE. and SW.  |

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

32.00 Power line, bears NE. and SW.

40.45 Power line, bears NW. and SE.

41.83 The center south sixteenth-section cor. sec. 7, heretofore described.

Land, mountainous and broken canyon bottom.

Soil, mountain loam and rocky; 2nd. and 4th. rates.

Timber, scattering cedar and pinon.

Undergrowth, oak, sage, service berry brush and grass.

From the west sixteenth-section cor. bet. secs. 7 and 18

described in the field notes of the resurvey of T.13 S.

R.9 E., book "E", this group.

N.0°20'E., on N. and S. center line SW.  $\frac{1}{4}$  sec. 7.

Ascend over mountainous land through medium growth of undergrowth.

2.20 Power line, bears NE. and SW.

3.90 Ridge, 80 ft. above 1/16 sec. cor., bears N.70°E. and S.70°W.; descend.

4.30 Power line, bears NE. and SW.

20.07 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for SW 1/16 sec. cor. sec. 7, with brass cap marked

SW1/16S7

1925

from which

A pine, 18 ins.diam., bears S.89 $\frac{1}{2}$ °E., 199 lks.  
dist., marked SW 1/16 S 7 B T

A pine, 8 ins.diam., bears N.77 $\frac{1}{2}$ °W., 160 lks.  
dist., marked SW 1/16 S 7 B T

Continue descent.

37.95 Ry. siding leading to tipple at Mutual Coal Mine, in S. edge of bottom of Spring Canyon, bears E. and W.; the in Spring Canyon.

38.45 Spring Canyon branch of D. & R.G. Ry., bears NW. and SE.

38.80 Wash, 7 $\frac{1}{2}$  lks. wide, 30 ft. deep, in bottom of Spring

Canyon, drains E.; ascend.



## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

- 39.35 Spring Canyon highway, bears E. and W.; numerous buildings and improvements extend E. and W. in canyon.
- 39.75 Power line, bears E. and W.
- 40.15 The center west sixteenth-section cor., sec. 7, heretofore described.
- Land, rough mountainous.
- Soil, mountain loam and rocky; 2nd. and 4th. rates.
- Timber, scattering pine thickets.
- Undergrowth, oak, service berry brush, maple and grass.

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From the center south sixteenth-section cor. sec. 7, heretofore described.

N. 88° 32' W., on E. and W. center line SW  $\frac{1}{4}$  sec. 7.

Ascend over rough mountainous land through undergrowth.

- 1.80 Power line, bears NW. and SE.
- 4.00 Ridge, bears N. and S.; descend NW. slope.
- 4.70 Power line, bears SW., NE. about 2  $\frac{1}{2}$  chs., thence E.
- 5.50 Power line, bears SW., NE. about 2  $\frac{1}{2}$  chs., thence E.
- 18.10 Head of draw, drains N.; ascend NE. slope.
- 20.90 The SW  $\frac{1}{16}$  sec. cor. sec. 7 heretofore described.
- 26.20 Ridge, bears N. and S.; descend NW. slope.
- 35.40 Draw, drains N.; ascend NE. slope.
- 40.33 The south sixteenth-section cor. bet. secs. 7 and 12 on the W. bdy. of the Tp. described in the field notes of the resurvey of T.13 S., R.9 E., book "C", this group.
- Land, rough mountainous.
- Soil, mountain loam and rocky; 2nd. and 4th. rates.
- Timber, scattering pine thickets.
- Undergrowth, oak, service berry brush, maple and grass.

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SUBDIVISION-OF-SECTION 11

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 14, described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.

N. 0° 53' E., on N. and S. center line sec. 11.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Ascend abruptly over rough, rugged mountainous land through medium growth of timber and scattering undergrowth.

- 1.40 Top of sandstone ledge, 50 ft. high, bears N.80°W. and S.80°E.
- 5.25 Top of sandstone ledge, 40 ft. high, bears NW. and SE.
- 13.45 Top of sandstone ledge, 100 ft. high, bears NW. and SE.
- 17.70 Top of sandstone ledge, 50 ft. high, bears NW. and SE.
- 19.64 Set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for center south sixteenth-section cor. sec. 11, with brass cap marked

$$\begin{array}{c} C \\ S \ 1/16 \quad | \quad S \ 11 \\ C \\ 1925 \end{array}$$

from which

A cedar, 8 ins. diam., bears S.89½°E., 46 lks.

dist., marked C S 1/16 S 11 B T

A pinon, 8 ins. diam., bears S.14°W., 31 lks.

dist., marked C S 1/16 S 11 B T

Cor. stands on rugged slope, 940 ft. above ¼ sec. cor.; continue ascent.

- 27.60 High ridge spur, 180 ft. above 1/16 sec. cor., projects SE.; descend NE. slope 210 ft. to
- 39.28 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center ¼ sec. cor. sec. 11, with brass cap marked

$$\begin{array}{c} C \ 1/4 \ S \ 11 \\ 1925 \end{array}$$

from which

A cedar, 14 ins. diam., bears N.47¾°E., 111 lks.

dist., marked C ¼ S 11 B T

A cedar, 14 ins. diam., bears N.76½°W., 59 lks.

dist., marked C ¼ S 11 B T

- 49.50 Draw, 50 ft. below ¼ sec. cor., drains E.; ascend SE. slope

## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

## Chains

- 52.90 Low spur, projects E.; descend.
- 59.63 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center north sixteenth-section cor. sec. 11, with brass cap marked
- C

N. 1/16 S 11

C

1925
- from which
- A pine, 12 ins.diam., bears N.  $83\frac{1}{4}^{\circ}$  E., 42 lks.  
dist., marked C N 1/16 S 11 B T
- A pine, 12 ins.diam., bears S.  $3^{\circ}$  W., 21 lks.  
dist., marked C N 1/16 S 11 B T
- 62.30 Draw, drains SE.; ascend S. slope.
- 69.00 Ridge, bears E. and W.; descend NE. slope to
- 79.98 The reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 11, described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.
- Land, rough mountainous.
- Soil, mountain loam and rocky of sandstone formation; 2nd. and 4th. rates.
- Timber, cedar and pinon with a few scattering pine.
- Undergrowth, sage, service berry, oak brush and mahogany.
- 
- From the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 12, described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.
- S.  $89^{\circ}05'$  W., on E. and W. center line sec. 11.
- Ascend abruptly general E. slope over rugged mountainous land through scrub timber and scattering undergrowth.
- 13.00 Top of sandstone ledge, 40 ft. high, bears N. and S.
- 17.00 Top of sandstone ledge, 50 ft. high, bears N. and S.
- 18.00 Point, 600 ft. above  $\frac{1}{4}$  sec. cor.; projects SE.; thence along S. slope.
- 19.69 On surface rock, mark a cross (X), over which,
- Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in

## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

CHAIN

a large mound of stone for center east sixteenth-section cor. sec. 11, with brass cap marked

$$\begin{array}{c} E\ 1/16 \\ C \text{-----} C \\ S11 \\ 1925 \end{array}$$

from which

A pinon, 8 ins.diam., bears S.  $58\frac{1}{2}^{\circ}$  E., 127 lks.

dist., marked C E 1/16 S 11 B T

A cedar, 8 ins.diam., bears N.  $31^{\circ}$  W., 25 lks.

dist., marked C E 1/16 S 11 B T

20.00 Top of sandstone ledge, bears NW. and SE.

27.25 Draw, 135 ft. below point, drains SE.; ascend general E. slope 275 ft. to

39.38 The center  $\frac{1}{2}$  sec. cor. sec. 11 heretofore described.  
Continue ascent.

50.60 Ridge, 300 ft. above center  $\frac{1}{2}$  sec. cor., bears NW. and S  
descend 250 ft. along broken S. and SW. slopes to

58.60 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center west sixteenth-section cor. sec 11, with brass cap marked

$$\begin{array}{c} W\ 1/16 \\ C \text{-----} C. \\ S11 \\ 1925 \end{array}$$

from which

A cedar, 12 ins.diam., bears N.  $74^{\circ}$  E., 13 lks.

dist., marked C W 1/16 S 11 B T

A pinon, 14 ins.diam., bears S.  $71\frac{1}{2}^{\circ}$  W., 69 lks.

dist., marked C. W 1/16 S 11 B T

Continue abrupt descent over broken S. and SW. slopes.

69.80 Top of sandstone ledge, .70 ft. high, bears N. about 3  
chs. distant thence W. and S. about 5 chs. thence SE.

74.75 Top of sandstone ledge, 40 ft. high, bears NW. and SE.

77.82 The reconstructed original  $\frac{1}{2}$  sec. cor. bet. secs. 10 and 11, described in the field notes of the resurvey of T.13 S., R.9 E., book "E" this group, 475 ft. below center W. 1/16 sec. cor.

Land, rough, rugged mountains.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.

Timber, cedar and pinon.

Undergrowth, sagebrush and service berry brush.

From the west sixteenth-section cor. bet. secs. 11 and  
14, described in the field notes of the resurvey of  
T.13 S., R.9 E., book "E", this group.

N.2°01'E., on N. and S. center line SW $\frac{1}{4}$  sec. 11.

Descend N. slope over rough mountainous land through  
medium growth of timber and scattering undergrowth.

6.70 Draw, drains NE.; ascend along E. slope across point of  
spur projecting E.

7.50 Power line, bears NW. and SE.

10.80 Road in Hardscrabble Canyon, bears NW. and SE.

11.65 Bottom of Hardscrabble Canyon, 275 ft. below sixteenth-  
section cor., drains E.; ascend abruptly 230 ft. over  
rugged S. slope broken by sandstone ledges to

19.50 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in  
the ground on solid rock and 24 ins. in a mound of  
stone for SW 1/16 sec. cor. sec. 11, with brass cap  
marked

SW1/16S11

1925

from which

A cedar, 14 ins. diam., bears N.24 $\frac{3}{4}$ °E., 32 lks.

dist., marked SW 1/16 S 11 B T

A pinon, 14 ins. diam., bears N.53 $\frac{1}{2}$ °W., 43 lks.

dist., marked SW 1/16 S 11 B T

Continue ascent over rugged S. slope.

29.80 Top of sandstone ledge, 100 ft. high, bears E. and W.

39.05 The center west sixteenth-section cor. sec. 11, hereto-  
fore described, 570 ft. above SW 1/16 sec. cor.

Land, rough mountainous.

Soil, mountain loam and rocky; 2nd. and 4th. rates.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Timber, cedar and pinon.

Undergrowth, sagebrush, service berry brush and grass.

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From the center south sixteenth-section cor. sec. 11,  
heretofore described.

S.89°26'W., on E. and W. center line SW $\frac{1}{4}$  sec. 11.

Descend abruptly over S. and SW. slopes of rugged mountainous land broken by ledges, through scattering timber and undergrowth.

5.60 Top of sandstone ledge, 70 ft. high, bears NW. and SE.

19.59 The SW  $\frac{1}{16}$  sec. cor. sec. 11, heretofore described, 530 ft. below center south sixteenth-section cor.

Continue descent over rugged slopes.

29.55 Bottom of Hardscrabble Canyon, 210 ft. below SW  $\frac{1}{16}$  sec. cor., drains SE.; power line, bears NW. and SE.

32.00 Road, bears NW. and SE.; ascend NE. slope 225 ft. to

39.19 The south sixteenth-section cor. bet. secs. 10 and 11, described in the field notes of the resurvey of T.13 S. R.9 E., book "E", this group.

Land, rough mountainous.

Soil, mountain loam and rocky of sandstone formation;  
2nd. and 4th. rates.

Timber, cedar and pinon.

Undergrowth, sagebrush and bunch grass.

## SUBDIVISION-OF-SECTION 14

From the reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 23, described in the field notes of the resurvey of T.13 S. R.9 E., book "E", this group.

N.0°01'E., on N. and S. center line sec. 14.

Over rolling land in Spring Canyon, through scattering timber and undergrowth.

1.20 Utah Railroad, bears NW. and SE.; leave canyon and begin ascent over rugged S. break of mountain broken by ledges and surface strewn with boulders.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

- 5.55 Power line, bears E. and W.
- 17.40 Top of sandstone ledge, 100 ft. high, 500 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.; continue ascent.
- 19.53 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 14 ins. in a mound of stone for center south sixteenth-section cor. sec. 14, with brass cap marked

$$\begin{array}{c} C \\ S\ 1/16 \quad | \quad S\ 14 \\ C \\ 1925 \end{array}$$

from which

A pinon, 12 ins.diam., bears S.87°E., 57 lks.

dist., marked C S 1/16 S 14 B T

A pinon, 10 ins.diam., bears N.45°W., 19 lks.

dist., marked C S 1/16 S 14 B T

- 28.90 Top of ledge, 50 ft. high, bears NW. and SE.
- 31.70 High spur, 1000 ft. above  $\frac{1}{4}$  sec. cor., projects SE.; descend 125<sup>ft.</sup> over rugged E. slope to
- 39.07 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for center  $\frac{1}{4}$  sec. cor. sec. 14, with brass cap marked

$$\begin{array}{c} C\ \frac{1}{4}\ S\ 14 \\ 1925 \end{array}$$

from which

A cedar, 10 ins.diam., bears S.83°E., 11 lks.

dist., marked C  $\frac{1}{4}$  S 14 B T

A pinon, 8 ins.diam., bears S.6°W., 32 lks.

dist., marked C  $\frac{1}{4}$  S 14 B T

Ascend along rugged E. slope.

- 49.65 Spur, 70 ft. above center  $\frac{1}{4}$  sec. cor., projects NE.; descend abruptly.
- 56.70 Top of sandstone ledge, bears NE. and SW.
- 58.86 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center north sixteenth-section cor. sec.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

Chains

14, with brass cap marked

$$\begin{array}{c} \text{C} \\ \text{N } 1/16 \quad | \quad \text{S } 14 \\ \text{C} \\ 1925 \end{array}$$

from which

A pinon, 6 ins. diam., bears N.  $37\frac{1}{2}^{\circ}$  E., 31 lks.

dist., marked C N 1/16 S 14 B T

A pinon, 14 ins. diam., bears S.  $45\frac{1}{2}^{\circ}$  W., 91 lks.

dist., marked C N 1/16 S 14 B T

Cor. stands on rugged mountain slope 425 ft. below spur;  
continue descent.

- 67.35 Top of sandstone ledge, 30 ft. high, bears NE. and SW.  
72.45 Draw, 450 ft. below 1/16 sec. cor., drains NE.  
75.00 Bottom of Hardscrabble Canyon, drains E.; ascend S. slope  
75.40 Road, bears E. and W.  
76.60 Power line, bears E. and W.  
78.65 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 14,

described in the field notes of the resurvey of T.13 S.  
R.9 E. book "E", this group.

Land, rough mountainous.

Soil, clay and rocky of sandstone formation; 4th. rate.

Timber, cedar, pinon and scattering pine.

Undergrowth, sagebrush, oak and service berry brush.

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From the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs.

13 and 14, described in the field notes of the resurvey  
of T.13 S., R.9 E., book "E", this group.

N.  $89^{\circ}06'$  W., on E. and W. center line sec. 14.

Ascend general E. slope over mountainous land through  
medium growth of scrub timber and scattering undergrowth

9.75 Draw, drains NE.; begin steeper ascent.

- 20.16 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in  
the ground on solid rock and 24 ins. in a mound of  
stone for center east sixteenth-section cor. sec. 14,  
with brass cap marked



## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

E 1/16  
C ——— C  
S14  
1925

from which

A pinon, 6 ins.diam., bears S.53°W., 71 lks.

dist., marked C E 1/16 S 14 B T

A cedar, 8 ins.diam., bears N.8°W., 69 lks.

dist., marked C E 1/16 S 14 B T

Cor. stands on broken E. slope of mountain, 250 ft. above  
½ sec. cor.; continue abrupt ascent.

37.35 Top of sandstone ledge, 50 ft. high, bears N. and S.

40.33 The center ½ sec. cor. sec. 14 heretofore described,  
625 ft. above center E. 1/16 sec. cor.

43.75 Top of sandstone ledge, bears N. and S.60°E.; thence ascend  
along top of spur projecting SE.

52.40 Top of high spur, 275 ft. above center ½ sec. cor.,  
projects S.80°E.; descend abruptly along rugged general  
S. slope broken by sandstone ledges and outcroppings.

59.50 Top of sandstone ledge, bears NW. and SE.

60.34 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in  
the ground on solid rock and 10 ins. in a mound of  
stone for center west sixteenth-section cor. sec. 14,  
with brass cap marked

W 1/16  
C ——— C  
S14  
1925

from which

A pinon, 8 ins.diam., bears N.5°E., 73 lks.

dist., marked C W 1/16 S 14 B T

A pinon, 8 ins.diam., bears S.89°E., 18 lks.

dist., marked C W 1/16 S 14 B T

Continue along rough, rugged S. slope of mountain.

80.35 The true point for the reestablished ½ sec. cor. bet.  
secs. 14 and 15, described in the resurvey of T.13 S.,  
R.9 E., beek "E", this group.

Land, rough mountainous.

Soil, clay and rock of sandstone formation; 4th. rate.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Timber, cedar and pinon.

Undergrowth, sagebrush, scattering service berry brush and grass.

## SUBDIVISION-OF-SECTION 15

From the reconstructed original  $\frac{1}{4}$  sec. cor. bet. secs.

15 and 22, described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.

N.0°15'E., on N. and S. center line sec. 15.

Ascend abruptly S. slope over rough mountainous land through scattering timber and undergrowth.

6.00 Top of sandstone ledge, 50 ft. high and S. rim of bench, 330 ft. above  $\frac{1}{4}$  sec. cor., bears N.60°W. and S.60°E.; thence across bench entering medium growth of timber.

19.11 $\frac{1}{2}$  On surface rock, mark a cross (X), over which, Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for center south sixteenth-section cor., sec. 15, with brass cap marked

$$\begin{array}{c} C \\ S\ 1/16 \quad | \quad S\ 15 \\ C \\ 1925 \end{array}$$

from which

A pinon, 12 ins.diam., bears N.27°W., 142 lks.  
dist., marked C S 1/16 S 15 B T

A pinon, 10 ins.diam., bears S.41°W., 41 lks.  
dist., marked C S 1/16 S 15 B T

24.00 Wash, in gulch, drains SE. near point where same falls over ledge about 30 ft. high, bearing E. and SE.; ascend abruptly over ledges and boulders.

38.23 Point for center  $\frac{1}{4}$  sec. cor. falls on sandstone ledge where cor. cannot be set, therefore, at

39.83 On top of sandstone ledge, 50 ft. high, 575 ft. above center south sixteenth-section cor., bears N.20°W. and

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Mark a cross (X) on surface rock, over which,  
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in  
a large mound of stone for witness cor. to the center  
¼ sec. cor. sec. 15, with brass cap marked

C ¼ S 15  
WC  
1925

from which

A pinon, 16 ins.diam., bears S.  $36\frac{3}{4}^{\circ}$  E., 77 lks.

dist., marked WC C ¼ S 15 B T

A pinon, 18 ins.diam., bears N.  $76^{\circ}$  E., 98 lks.

dist., marked WC C ¼ S 15 B T

Ascend along S. and W. slopes of spur projecting S.

57.97½ Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in  
the ground on solid rock and 12 ins. in a mound of  
stone for center north sixteenth-section cor. sec. 15,  
with brass cap marked

C  
N 1/16 | S 15  
C  
1925

from which

A pinon, 10 ins.diam., bears N.  $13\frac{1}{2}^{\circ}$  E., 80 lks.

dist., marked C N 1/16 S 15 B T

A pinon, 12 ins.diam., bears N.  $25\frac{1}{2}^{\circ}$  W., 64 lks.

dist., marked C N 1/16 S 15 B T

59.00 Top of ascent on W. slope; gradually descend.

75.50 Enter bottom of draw, near head, drains S.  $25^{\circ}$  W.; thence  
in draw.

77.72 The reestablished ¼ sec. cor. bet. secs. 10 and 15,  
described in the field notes of the resurvey of T.13 S.,  
R.9 E., back "E" this group.

Land, rough mountainous.

Soil, mountain loam, clay and rocky of sandstone form-  
ation; 2nd. and 4th. rates.

Timber, cedar and pinon.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Undergrowth, sage, scattering service berry, oak and mahogany brush.

From the true point for the reestablished  $\frac{1}{4}$  sec. cor. be secs. 14 and 15 described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group. S.89°04'W., on E. and W. center line sec. 15.

Ascend abruptly over ledges over rough mountainous land facing south through scattering growth of timber and undergrowth.

2.50 Spur, 75 ft. above point for  $\frac{1}{4}$  sec. cor., projects S.20° W.; descend abruptly nearly W. slope over ledges.

7.30 Top of sandstone ledge, 50 ft. high, bears NW. and SE.

12.00 Ravine, drains SW.; continue descent along rugged nearly S. slope.

20.11 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center east sixteenth-section cor. sec. 15, with brass cap marked

$$\begin{array}{r} \text{E } 1/16 \\ \text{C} \frac{\quad}{\quad} \text{C} \\ \text{S } 15 \\ 1925 \end{array}$$

from which

A pinon, 6 ins.diam., bears S.35 $\frac{3}{4}$ °E., 87 lks.

dist., marked C E 1/16 S 15 B T

A pinon, 8 ins.diam., bears N.50°W., 58 lks.

dist., marked C E 1/16 S 15 B T

Cor. stands on rugged S. slope, 550 ft. below spur.

23.00 Ravine, drains S.; ascend abruptly over ledges.

35.00 Point of spur, rimed with ledges, 475 ft. above ravine, projects S.; descend W. slope over ledges.

40.22 Point for center  $\frac{1}{4}$  sec. cor. sec. 15 heretofore described. Continue descent over ledges.

44.00 Gulch, 400 ft. below spur, drains S.; ascend abruptly over series of ledges.

58.00 Spur, 500 ft. above gulch, projects S. about 4 chs.

distant; descend W. slope 75 ft. to

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

Chains

- 60.22 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center west sixteenth-section cor. sec. 15, with brass cap marked

$$\begin{array}{r} \text{W } 1/16 \\ \text{C} \frac{\quad}{\quad} \text{C} \\ \text{S } 15 \\ 1925 \end{array}$$

from which

A pinon, 12 ins. diam., bears S.  $60\frac{3}{4}^{\circ}$  E., 29 lks.

dist., marked C W 1/16 S 15 B T

A pinon, 8 ins. diam., bears N.  $43^{\circ}$  W., 26 lks.

dist., marked C W 1/16 S 15 B T

- 61.20 Top of sandstone ledge, 50 ft. high, bears N. and S.; descend 500 ft. over rugged S. and SW. slopes broken by ledges to

- 80.22 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 15 and 16, described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.

Land, rough mountainous.

Soil, clay and rocky of sandstone formation; 3rd. and 4th. rates.

Timber, cedar and pinon.

Undergrowth, scattering sagebrush.

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From the center east sixteenth-section cor. sec. 15 heretofore described.

N.  $0^{\circ}09'$  E., on N. and S, center line NE  $\frac{1}{4}$  sec. 15.

Ascend abruptly S. slope over rough, rugged mountainous land broken by sandstone ledges and outcroppings through scattering timber and undergrowth.

- 7.70 Top of sandstone ledge, 75 ft. high, bears NW. and SE.; ascend more gradually along W. slope.

- 15.50 Top of sandstone ledge, 25 ft. high, bears NW. and SE.; enter heavier timber and ascend W. and SW. slopes.

- 19.58 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for NE. 1/16 sec. cor. sec. 15, with brass cap marked

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

Chains

NE1/16S15

1925

from which

A pinon, 18 ins.diam., bears N.2 $\frac{1}{4}$ °E., 142 lks.

dist., marked NE 1/16 S 15 B T

A pinon, 8 ins.diam., bears S.5°W., 58 lks.

dist., marked NE 1/16 S 15 B T

Cor. stands on nearly W. slope 400 ft. above center east  
sixteenth-section cor.

32.00 High ridge, 170 ft. above NE 1/16 sec. cor., bears NW.  
and SE.; leave dense timber and descend grassy N. slope  
225 ft. to

39.12 The east sixteenth-section cor. bet. secs. 10 and 15  
described in the field notes of the resurvey of T.13 S.  
R.9 E., book "E", this group.

Land, rough mountainous.

Soil, mountain loam, clay and rocky of sandstone form-  
ation; 3rd. and 4th. rates.

Timber, cedar and pinon with a few scattering large pine  
Undergrowth, sage, service berry brush and grass.

From the north sixteenth-section cor. bet. secs. 14 and  
15 described in the field notes of the resurvey of  
T.13 S., R.9 E., book "E", this group.

S.89°44'W., on E. and W. center line NE $\frac{1}{4}$  sec. 15.

Ascend NE. slope across head of draw over mountainous  
land through scattering timber and undergrowth.

10.00 High ridge, 135 ft. above N.1/16 sec. cor., bears NW.  
and SE.; enter dense timber and descend SW. and W.  
slopes 100 ft. to

20.05 The NE 1/16 sec. cor. sec. 15 heretofore described;  
continue descent.

24.50 Draw, 80 ft. below NE 1/16 sec. cor., drains S.; ascend

36.65 High spur, 250 ft. above draw, projects S.; descend W.  
slope 100 ft. to

40.11 The center north sixteenth-section cor. sec. 15 heretof

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

described.

Land, mountainous.

Soil, mountain loam and rocky; sandstone formation; 2nd.  
and 4th. rates.

Timber, cedar and pinon with a few scattering pine.

Undergrowth, sage and oak brush.

From the east sixteenth-section cor. bet. secs. 15 and  
22, described in the field notes of the resurvey of  
T.13 S., R.9 E., book "F", this group.

N.0°15'E., on N. and S. center line SE  $\frac{1}{16}$  sec. 15.

Over broken mountainous land through medium growth of  
timber and scattering undergrowth.

2.70 Low spur, projects E.; descend.

6.90 Ravine, drains SE.

9.80 Junction of ravines from the NE. and NW., drains SW.

11.90 Point of spur, projects SE.

14.80 Ravine, drains SE.

19.24 On steep W. slope.

Set an iron post, 1 ft. long, 1 in. in dia., 27 ins. in  
the ground for SE  $\frac{1}{16}$  sec. cor. sec. 15, with brass  
cap marked

SE1/16S15

1925

from which

A pinon, 12 ins. diam., bears N.8°E., 102 lks.  
dist., marked SE  $\frac{1}{16}$  S 15 B T

A pinon, 6 ins. diam., bears N.13°W., 74 lks.  
dist., marked SE  $\frac{1}{16}$  S 15 B T

20.55 Ravine, drains SW.; ascend broken SE. slope.

29.25 Top of sandstone ledge, 80 ft. high and rim of narrow  
bench, bears NE. and SW.

34.55 Ravine, drains SE.; wash in ravine falls over ledge  
immediately SE. of line.; ascend abruptly.

38.50 The center east sixteenth-section cor. sec. 15 heretofore  
described.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Land, mountainous; S. exposure and drainage.

Soil, clay and rocky of sandstone formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, sagebrush.

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From the true point for the south sixteenth-section cor.

bet. secs. 14 and 15 described in the field notes of

the resurvey of T.13 S., R.9 E., book "E" this group.

S.89°30'W., on E. and W. center line SE $\frac{1}{4}$  sec. 15.

Ascend along S. slope over broken sandstone ledges,

through medium growth of timber and scattering undergrowth.

5.60 Top of ledge, 20 ft. high and rim of bench, bears N.80°E. and SW.; thence across bench.

15.50 Top of sandstone ledge, 75 ft. high and W. rim of bench, bears N.20°W. and S.20°E.; descend abruptly W. slope 240 ft. to

20.11 The SE.1/16 sec. cor. sec. 15 heretofore described.

21.20 Ravine, drains S.; ascend.

25.30 Spur, 75 ft. above ravine, projects SE.; descend along rocky S. slope.

35.75 Ravine, drains SE.; ascend abruptly.

39.45 Top of sandstone ledge, 25 ft. high, bears NW. and SE., 200 ft. above ravine; thence across bench.

40.27 The center south sixteenth-section cor. sec. 15, heretofore described.

Land, mountainous.

Soil, clay and rocky of sandstone formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, sagebrush.

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From the true point for the west sixteenth-section cor.

bet. secs. 15 and 22, described in the field notes of

the resurvey of T.13 S., R.9 E., book "E", this group.

N.0°11'E., on N. and S. center line SW $\frac{1}{4}$  sec. 15.



## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

Over rough, broken land in Spring Canyon through medium growth of scrub timber and scattering undergrowth.

ascend from bottom of wash to spur.

- 1.30 Low point of spur, projects E.
- 4.35 Power line, bears NW. and SE.
- 4.65 Power line, bears NW. and SE.
- 6.20 Telegraph line, bears NW. and SE.
- 6.55 Spring Canyon branch of D. & R.G. Ry., bears N. 50° W. and S. 50° E.
- 7.40 Bottom of Spring Canyon and wash, 75 lks. wide, 20 ft. deep, drains SE.; ascend.
- 7.90 Telephone line, bears NW. and SE.
- 12.30 Spring Canyon highway, bears N. 70° W. and SE.
- 15.00 Utah Railway, bears N. 71° W. and S. 71° E.; ascend abruptly rocky S. slope of mountain.
- 19.61 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone in crevice of rocks for SW 1/16 sec. cor. sec. 15, with brass cap marked

SW 1/16 S 15

1925

from which

A large sandstone boulder, marked X BO S15,

bears S. 47° E., 20 lks. distant.

A pinon, 10 ins. diam., bears N. 46 1/2° W., 20 lks.

dist., marked SW 1/16 S 15 B T

Continue abrupt ascent.

- 24.00 Sandstone ledge, 50 ft. high, bears NW. and SE.
- 38.00 Top of sandstone ledge 75 ft. high, bears NW. and SE., 800 ft. above Spring Canyon; continue ascent over W. slope.
- 39.21 The center west sixteenth-section cor. sec. 15 heretofore described.

Land, rough mountainous.

Soil, clay and rocky; 4th. rate.

Timber, cedar and pinon.

## SUBDIVISION of SECTIONS, T.13 S., R.9 E.

## Chains

Undergrowth, sagebrush.

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From the center south sixteenth-section cor. sec. 15,  
heretofore described.

S.87°29'W., on E. and W. center line SW $\frac{1}{4}$  sec. 15.

Ascend over bench through medium growth of timber and  
scattering undergrowth.

6.60 Rise, bears NW. and SE.; gradually descend.

15.40 Top of sandstone ledge 50 ft. high and brink of bench,  
bears NW. and SE.; descend abruptly over rocky S. slope

20.01 The SW  $\frac{1}{16}$  sec. cor. sec. 15 heretofore described.

26.30 Utah Railroad, bears N.70°W. and S.70°E.

30.20 Spring Canyon highway, bears NW. and SE.

33.90 Telephone line, bears NW. and SE.

34.60 Bottom of Spring Canyon and wash, 75 lks. wide, 10 ft.  
deep, drains SE.

35.30 D. & R.G. Ry., (Spring Canyon Branch), bears N.47°W. and  
S.47°E.

36.90 Power line, bears NW. and SE.

37.90 Spring Canyon wash, 75 lks. wide, 5 ft. deep, drains NE  
from NW.; power line, bears NW. and SE.

40.01 The south sixteenth-section cor. bet. secs. 15 and 16  
described in the field notes of the resurvey of T.13  
R.9 E., book "E", this group.

Land, mountainous.

Soil, clay and rocky; 4th. rate.

Timber, cedar and pinon.

Undergrowth, sagebrush.

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From the center west sixteenth-section cor. sec. 15,  
heretofore described.

N.0°10'E., on N. and S. center line NW $\frac{1}{4}$  sec. 15.

Ascend W. and SW. slopes over rough mountainous land  
through medium growth of timber and scattering under-  
growth.

## SUBDIVISION-OF-SECTIONS, T.13 S., R.9 E.

## Chains

- 6.00 Spur, 100 ft. above 1/16 sec. cor., projects SE.; ascend along E. slope of spur.
- 12.00 Same spur, projects SW. from N.5°W.; descend along E. slope.
- 19.93 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for NW 1/16 sec. cor. sec. 15, with brass cap marked
- NW 1/16 S15
- 1925
- from which
- a pinon, 12 ins.diam., bears S.21°E., 80 lks. dist., marked NW 1/16 S.15 BT
- a pinon, 12 ins.diam., bears N.51°W., 57 lks. dist., marked NW 1/16 S 15 B T
- 24.10 Head of draw, drains SE.; ascend.
- 28.70 Same spur, projects S.20°W., ascend along W. slope.
- 39.88 The west sixteenth-section cor. bet. secs. 10 and 15 described in the field notes of the dependent resurvey of T.13 S., R.9 E., book "E" this group.
- Land, mountainous.
- Soil, mountain loam, clay and rock of sandstone formation; 3rd. and 4th. rates.
- Timber, cedar and pinon.
- Undergrowth, sagebrush and mahogany.
- 
- From the center north sixteenth section cor. sec. 15, heretofore described.
- S.89°37'W., on E. and W. center line NW $\frac{1}{4}$  sec. 15.
- Descend W. slope over mountainous land through medium growth of timber and scattered undergrowth.
- 3.50 Draw, 75 ft. below 1/16 sec. cor. drains S.; ascend.
- 9.20 Spur, projects S.; gradually descend along S. slope.
- 15.00 Draw, drains SE.; ascend E. slope 125 ft. to
- 20.02 The NW 1/16 sec. cor. sec. 15 heretofore described.

## SUBDIVISION-OF-SECTIONS. T.13 S., R.9 E.

| Chains |   |
|--------|---|
| 22.70  | Spur, 50 ft. above 1/16 sec. cor., projects S.; descend W. slope.   |
| 27.70  | Begin precipitous descent.  |
| 33.60  | Top of sandstone ledge, 100 ft. high, bears NW. and SE.   |
| 38.60  | Top of sandstone ledge, 80 ft. high, bears NW. and SE.  |
| 40.06  | The north sixteenth-section cor. bet. secs. 15 and 16, described in the field notes of the resurvey of T.13 S. R.9 E., book "E" this group, 600 ft. below spur. |
|        | Land, rough mountainous.  |
|        | Soil, mountain loam and rocky; 3rd. and 4th. rates.   |
|        | Timber, cedar and pinon.  |
|        | Undergrowth, sagebrush, scattered service berry brush and grass.  |

## SUBDIVISION-OF-SECTION 17

|       |   |
|-------|---|
|       | From the reconstructed original $\frac{1}{4}$ sec. cor. bet. secs. 17 and 20 described in the field notes of the resurvey of T.13 S.; R.9 E., book "E", this group.             |
|       | N.4°39'W., on N. and S. center line sec. 17.  |
|       | Ascend SW. slope over high mountainous land through scattered timber and undergrowth.   |
| 6.50  | High ridge and summit of mountain, 100 ft. above $\frac{1}{4}$ sec. cor. bears E. and W.; leave timber and descend grassy N. slope.   |
| 14.00 | Enter scattered timber, bears E. and W.   |
| 20.96 | Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for center south sixteenth-section cor., with brass cap marked |
|       | <div style="text-align: center;">           C<br/>           S 1/16   S17<br/>           C<br/>           1925         </div>   |
|       | from which  |
|       | A pine, 16 ins. diam., bears N.28°E., 16 lks.   |

## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

## Chains

21.101 ~~marked~~ dist., marked C S 1/16 S 17 B T  
 26.00 ~~marked~~ pinon, 14 ins. diam., bears N. 79 $\frac{1}{2}$ ° E., 107 lks.

dist., marked C S 1/16 S 17 B T

Cor. stands on steep N. slope, 440 ft. below ridge.

21.101 Rocky draw, drains NW.; thence along W. slope.

26.00 Leave timber and begin descent of 400 ft. over steep rocky NW. slope.

41.92 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of

stone for center  $\frac{1}{4}$  sec. cor. sec. 17, with brass cap marked

C  $\frac{1}{4}$  S 17

1925

from which

A sandstone boulder, 15x10x5 ft., marked X BO S17, bears N. 26° E., 79 lks. distant.

No other bearing objects or trees available.

The regulation 1 inch iron post for this corner was not available.

Continue abrupt descent.

61.29 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center north sixteenth section cor. sec. 17, with brass cap marked

C  
 N 1/16 | S17  
 C  
 1925

from which

pinon, 6 ins. diam., bears S. 61 $\frac{3}{4}$ ° E., 82 lks.

dist., marked C N 1/16 S 17 B T

A sandstone outcrop facing E., marked X BO, bears S. 78° 10' W., 53 lks. distant.

Cor. stands in bottom of canyon, 450 ft. below center  $\frac{1}{4}$

sec. cor.; canyon drains N. 17° E. about 5 chs. to

junction with canyon from W.

## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

Chains

- 66.00 Canyon, drains E.; enter bottom of Spring Canyon, bears NW. and E. Numerous buildings and improvements extend NW. and E. in Spring Canyon.
- 68.50 Spring Canyon branch of D. & R.G. Ry., bears NW. and SE.
- 69.75 Wash, 75 lks. wide, 10 ft. deep, in bottom of Spring Canyon, drains SE.; ascend.
- 70.50 Spring Canyon highway, bears NW. and SE.
- 76.00 Power line, bears NW. and SE.
- 77.40 Power line, bears NW. and SE.
- 80.66 The  $\frac{1}{4}$  sec. con. bet. secs. 8 and 17 described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.

Land, rough mountainous.

Soil, mountain loam and rocky; 3rd. and 4th. rate.

Timber, scattered cedar pinon and large pine.

Undergrowth, scattered sage, service berry, oak brush and grass.

From the  $\frac{1}{4}$  sec. cor. bet. secs. 16 and 17 described in the field notes of the resurvey of T.13 S., R.9 E., book "E", this group.

S.88°23'W., on E. and W. center line sec. 17.

Ascend over rough mountainous land through scattered timber and undergrowth.

9.00 Spur, 75 ft. above  $\frac{1}{4}$  sec. cor., projects N.; descend.

16.15 Draw, 180 ft. below spur, drains N.20°E.; ascend abruptly over general E. slope.

19.48 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for center east sixteenth-section cor. sec. 17, with brass cap marked

E 1/16 section  
C ————— C

S17

1923

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor

## SURVEY OF SECTIONS, T.13 S., R.9 E.

## Chains

ascend abruptly.

25.00 Sandstone ledge, 40 ft. high, bears N. and S.

32.00 Spur, 560 ft. above draw, projects N.; descend NW. slope  
brn 330 ft. to

38.96 The center  $\frac{1}{4}$  sec. cor. sec. 17 heretofore described.

44.50 Canyon, 220 ft. below center  $\frac{1}{4}$  sec. cor., drains N.;  
ascend abruptly over E. slope.

52.65 Top of sandstone ledge, 30 ft. high, bears N. and S.

59.67 Point for center west sixteenth-section cor. sec. 17  
will fall on unsafe ground; therefore at this point

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in  
the ground for witness cor. to the center west  
sixteenth-section cor. sec. 17, with brass cap marked

W 1/16

WC C ————— C

S17  
1925

from which

A pine, 12 ins. diam., bears N.  $77\frac{1}{2}^{\circ}$  E., 47 lks.

dist., marked W C C W 1/16 S 17 B T

A pine, 24 ins. diam., bears S.  $32^{\circ}$  W., 166 lks.

dist., marked W C C W 1/16 S 17 B T

60.05 Point for center west sixteenth-section cor. sec. 17.

60.15 High spur, 600 ft. above canyon, projects N.  $30^{\circ}$  E.;  
descend NW. slope.

67.45 Draw, 310 ft. below spur, drains N.; ascend NE. slope.

76.00 Spur, 285 ft. above draw, projects NE.; descend W.  
slope 225 ft. to

81.14 The reestablished  $\frac{1}{4}$  sec. cor. bet. secs. 17 and 18,  
described in the field notes of the resurvey of T.13 S.,  
R.9 E., book "E" this group.

Land, rough mountains.

Soil, mountain loam and rocky; 3rd. and 4th. rates.

Timber, a few scattered cedar, pinon and pine.

Undergrowth, scattered oak, service berry, sagebrush and

to section 11 and 12 of T.13 S., R.9 E.

## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

Chains

Chains

grass.

from the east sixteenth-section cor. bet. secs. 17 and

20 described in the field notes of the resurvey of

T.13 S., R.9 E., book "E", this group

N.5°29'W., on N. and S. center line SE $\frac{1}{4}$  sec. 17.

Ascend abruptly S. slope over rough mountainous land

through scattered timber and undergrowth.

8.40 High ridge and summit of mountain, 300 ft. above 1/16

sec. cor., bears E. and W.; descend NW. slope 300 ft.

to

20.51 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

the ground for SE 1/16 sec. cor. sec. 17, with brass

cap marked

SE1/16S17

1925

from which

A mahogany, 8 ins. diam., bears S.87 $\frac{1}{2}$ °E., 117 lks

dist., marked SE 1/16 S 17 B T

No other bearing trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Continue descent over NW. slope 625 ft., to

35.00 Draw, drains NE.; ascend.

40.97 The center east sixteenth-section cor. sec. 17 heretofore

described.

Land, mountainous.

Soil, mountain loam and rocky of sandstone formations.

3rd. and 4th. rates.

Timber, cedar, pinon, and shattered pine.

Undergrowth, sagebrush and tall mountain grass with

scattered mahogany.

From the true point for the south sixteenth-section cor.

bet. secs. 16 and 17, described in the field notes of



## SUBDIVISION OF SECTIONS, T.13 S., R.9 E.

## Chains

the resurvey of T.13 S., R.9 E., book "E" this group.  
S.86°55'W., on E. and W. center line SE $\frac{1}{4}$  sec. 17

Descend NW. slope over rough mountainous land through  
scattered timber and undergrowth.

- 2.40 Canyon, drains N.10°E.; ascend abruptly 400 ft. to  
16.30 Spur, projects N.; descend 75 ft. to  
19.76 The SE 1/16 sec. cor. sec. 17 heretofore described.  
22.30 Draw, 115 ft. below SE 1/16 sec. cor., drains N.; ascend  
NE. slope.  
33.20 Spur, 380 ft. above draw, projects N.; descend W. slope.  
39.40 Rocky draw, 150 ft. below spur, drains NW.  
39.58 The center south sixteenth-section cor. sec. 17  
heretofore described.

Land, rough mountainous.

Soil, mountain loam and rocky; 2nd. to 4th. rates.

Timber, cedar, pinon, scattered mahogany and pine.

Undergrowth, sagebrush and mountain grass.

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Page



**CADASTRAL ENGINEERS AND  
CERTIFICATE OF UNITED STATES SURVEYOR.**

**WE, Howard W. Miller and Andrew Nelson, U.S. Cadastral Engineers**  
**K Willis W. Bandy, U.S. Surveyor,** hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah  
bearing date of the 11th day of July, 1923 <sup>we</sup> have well, faithfully, and  
in <sup>our</sup> own proper person, and in strict conformity with said instructions, the Manual of Surveying In-  
structions, and the laws of the United States, surveyed all those parts or portions of subdivision of  
section lines in secs. 7, 11, 14, 15 and 17, T. 13 S., R. 9 E.,

of the Salt Lake  
and Meridian, in the State of Utah, which are represented  
and date diagram on dates shown on  
the foregoing field notes as having been executed by us, and under our direction; and that all the corners  
and survey have been established and perpetuated in strict accordance with the Manual of Surveying In-  
structions, and the special written instructions of the U. S. Surveyor General for Utah  
and in the specific manner described in the field notes, and that the foregoing are the original field notes  
of such survey. Certified to at:

Salt Lake City, Utah, July 26, 1926  
Federal Dam, Minn. Aug 3, 1926  
Howard W. Miller  
Andrew Nelson  
Willis W. Bandy  
U.S. Cadastral Engineers  
U.S. Surveyor  
APPROVAL.

Office of U. S. Supervisor of Surveys  
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL~~

Denver, Colorado, 1926

The foregoing field notes of the survey of subdivision of section lines in Secs.  
7, 11, 14, 15, and 17 T. 13 S. R. 9 E. of the Salt Lake Base and  
Meridian, Utah

executed by Howard W. Miller and Andrew Nelson, U. S. Cadastral Engineers  
and Willis W. Bandy, U.S. Surveyor  
under ~~the~~ special instructions dated July 11, 1923, have  
critically examined, and the necessary corrections and explanations made, the said field notes, and that  
they describe, are hereby approved.

Samuel H. Johnson  
U. S. Supervisor of Surveys

I hereby certify that the foregoing transcript of the field notes of the above described surveys in

has been correctly copied from the original notes on file in this

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APR 6 1926

Department Of The Interior

Public Survey Office

Salt Lake City, Utah

BOOK A-483

## FIELD NOTES

OF THE SURVEY OF THE

RESURVEY OF PORTIONS OF THE NORTH, SOUTH, AND WEST BOUNDARIES AND  
 SUBDIVISION; SURVEY OF PORTIONS OF THE NORTH AND WEST BOUNDARIES  
 AND SUBDIVISION OF, T. 23 S., R. 9 W.

Of the Salt Lake Base And Meridian,  
 in the State of Utah

EXECUTED BY

Ralph Gentry

and

Elliot Bird

U.S. Cadastral Engineer, and  
 in the capacity of U. S. Surveyor, under instructions dated July 28, 1923,  
 issued by the United States Surveyor General to govern surveys included in  
 Group No. 144, which were approved by the Commissioner of the General Land  
 Office, August 13, 1923. Assignment instructions dated  
 October 16, 1925, and supplemental assignment instructions dated  
 November 7, 1925.

Survey commenced October 22, 1925.

Survey completed November 15, 1925.

800-4483

# INDEX DIAGRAM.

| Township |    | 23 South |    | Range |    | 9 West |    |    |    |    |    |
|----------|----|----------|----|-------|----|--------|----|----|----|----|----|
| 37       |    | 36       |    | 35    |    | 34     |    | 9  |    |    |    |
| 42       | 6  | 68       | 5  | 61    | 4  | 56     | 3  | 54 | 2  | 25 | 1  |
|          | 70 |          | 69 |       | 62 |        | 58 |    | 55 | 14 |    |
| 41       | 7  | 71       | 8  | 63    | 9  | 58     | 10 | 55 | 11 | 24 | 18 |
|          | 72 |          | 72 |       | 64 |        | 59 |    | 22 | 13 | 23 |
|          |    |          |    |       |    |        |    |    | 13 |    | 13 |
| 40       | 18 | 73       | 17 | 65    | 16 | 60     | 15 | 21 | 14 | 50 | 18 |
|          | 75 |          | 74 |       | 66 |        | 32 |    | 51 | 22 | 52 |
|          |    |          |    |       |    |        | 16 |    |    | 13 |    |
| 39       | 19 | 76       | 20 | 67    | 21 | 31     | 22 | 19 | 23 | 49 | 24 |
|          | 79 |          | 77 |       | 30 | 16     |    | 12 |    |    | 48 |
|          |    |          |    |       | 15 |        |    |    |    |    |    |
| 38       | 30 | 77       | 29 | 29    | 28 |        | 27 | 18 | 26 | 46 | 25 |
|          | 26 | 27       |    | 15    |    |        |    | 12 |    |    |    |
|          | 14 | 14       | 28 |       |    |        |    |    | 46 |    | 45 |
|          |    |          | 14 |       | 15 |        |    | 16 |    |    |    |
| 10       | 31 |          | 32 | 14    | 33 |        | 34 |    | 35 | 44 | 36 |
|          |    |          |    |       |    |        |    | 12 |    |    |    |
|          |    |          |    |       |    |        |    |    | 8  |    | 6  |



T. 23. S., R. 9 W.

Date Diagram.

|          |                |                |                |                |                |                |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|
|          | 10-31-25       | 10-31-25       | 10-31-25       | 10-31-25       | 10-31-25       | 10-24-25       |
| 11-6-25  | 6<br>11-11-25  | 5<br>11-10-25  | 4<br>11-9-25   | 3<br>11-7-25   | 2<br>10-24-25  | 1              |
| 11-6-25  | 7<br>11-13-25  | 8<br>11-10-25  | 9<br>11-9-25   | 10<br>11-7-25  | 11<br>10-24-25 | 12             |
| 11-6-25  | 18<br>11-14-25 | 17<br>11-12-25 | 16<br>11-9-25  | 15<br>10-23-25 | 14<br>10-30-25 | 13<br>10-24-25 |
| 11-6-25  | 19<br>11-14-25 | 20<br>11-12-25 | 21<br>10-26-25 | 22<br>10-23-25 | 23<br>10-30-25 | 24<br>10-30-25 |
| 11-5-25  | 30<br>10-27-25 | 29<br>10-27-25 | 28<br>10-27-25 | 27<br>10-23-25 | 26<br>10-28-25 | 25<br>10-28-25 |
| 10-27-25 | 31<br>10-26-25 | 32<br>10-26-25 | 33<br>10-26-25 | 34<br>10-23-25 | 35<br>10-22-25 | 36<br>10-22-25 |

All lines colored in black were surveyed by Ralph Gentry,  
U.S. Cadastral Engineer, G.L.O.

All lines colored in red were surveyed by Elliot Bird,  
U.S. Surveyor, G.L.O.

Survey commenced October 22, 1925, and executed with improved Buff and Buff light mountain transit No. 1672 used by Ralph Gentry, U.S. Cadastral Engineer, and Buff and Buff light mountain transit No. 9218, used by Elliot Bird, U.S. Surveyor.

The instruments were approved for use on this survey conditional upon satisfactory field tests, by the District Cadastral Engineer, for District No. 6, in assignment instructions dated Oct. 16, 1925 issued to Ralph Gentry, U.S. Cadastral Engineer, and supplemental assignment instructions dated Nov. 7, 1925 issued to Elliot Bird, U.S. Surveyor.

The major portion of this township was surveyed by Ralph Gentry, U.S. Cadastral Engineer, instrument No. 16725 being used. I examine the adjustments of the instrument and correct all errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, proceed as follows.

Oct. 22, 1925: At my camp, located near the NW. cor. sec. 27, T. 23 S., R. 9 W., S.L.B. & Mer., Utah; in approximate latitude  $38^{\circ}48'$  N., longitude  $112^{\circ}50'30''$  at 5h 30m a.m. local mean time, I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a stake, driven firmly in the ground, about 15 chains to the N. of my station.

Azimuth of Polaris at western elongation =  $1^{\circ}24'$  E.

I lay off the azimuth of Polaris,  $1^{\circ}24'$  to the east, and mark the meridian thus determined by a tack in a stake driven firmly in the ground, about 15 chains N. of my station.

At 9h 30m a.m. apparent time, with the instrument in the

T. 23 S., R. 9 W.

meridian, I set off  $38^{\circ} 48'$  N., on the latitude arc;  $11^{\circ} 03'$  S., on the declination arc; and determine a meridian with the solar which I find to agree within  $1'$  of the true meridian.

At apparent noon, with the instrument in the meridian, I make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's west limb; reversing the telescope and observing simultaneously the altitude of the sun's lower limb and the transit of the sun's east limb.

|                                 |                       |
|---------------------------------|-----------------------|
| Mean observed altitude=         | $40^{\circ} 03' 30''$ |
| Reduced latitude=               | $38^{\circ} 48'$ N.   |
| Mean watch time of observation= | 11h 45m 47s           |
| Watch fast of local mean time=  | 0h 1m 12s             |

At apparent noon, with the instrument in the meridian and the latitude arc unchanged. I find the reading of the declination arc to be  $11^{\circ} 03'$  S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instrument in the meridian and the latitude arc unchanged, I set off  $11^{\circ} 03'$  S., on the declination arc; and determine a meridian with the solar which I find to agree within  $1'$  of the true meridian.

As all the solar observations made during the usual hours of solar work, come within  $1'$  of the true meridian, I conclude the the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observation made on Polaris.

Near the completion of the survey of this township, we make a test of both instruments as follows.

Nov. 14, 1925: With both the instruments in the meridian determined by observation made on Polaris as heretofore described; at 9h 30m a.m. apparent time, we set of  $38^{\circ} 48'$  N., on the latitude arcs;  $18^{\circ} 11'$  S., on the declination arcs; and determine a meridian with the

T. 23 S., R. 9 W.

solars which we find to agree with the true meridian, At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be  $18^{\circ}13'30''$  S., which agrees with the computed declination of the sun.

At 3h 30m p. m. apparent time, with the instruments in the meridian, we set off  $18^{\circ}14'30''$  S., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within  $1'$  of the true meridian, we conclude that the instruments are in satisfactory adjustment.

#### Measurements.

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

#### Method And Order of Procedure.

East Boundary: The south four miles of the east boundary of this township, were retraced for alinement only and the bearing of this line was found to be N.  $0^{\circ}03'$  W., instead of N.  $0^{\circ}04'$  E., as reported in the official records. This portion of this boundary was resurveyed under the direct system in year 1915, by Stewart and Thompson. The north two miles of this boundary were not retraced as none of the subdivision of this survey were dependent on these two miles of boundary.

Method and Order of Procedure.

**North Boundary:** The east mile of this boundary has been previously surveyed, but as not any of the corners on this line were found, I reestablish them at record course and distance from the cor. Ts. 22 and 23 S., Rs. 8 and 9 W., The remainder of this boundary was run west to an intersection with a line projected north from the cor. of Ts. 23 and 24 S., Rs. 9 and 10 W., where the cor. of Ts. 22 and 23 S., Rs. 9 and 10 W. was set.

**West Boundary:** The S. mile of this boundary has been surveyed, but as not any of the cors. were found, I reestablished them at record course and distance from the cor. Ts. 23 and 24 S., Rs. 9 and 10 W. The remainder of the boundary was run north to the cor. Ts. 22 and 23 S., Rs. 9 and 10 W., and the fractional distance placed in northern half mile for Sec. 1 in T. 23 S. R. 10 W.

Closing corners were set on this boundary for subdivisional surveys in T. 23 S. R. 9 W.

**South Boundary:** The east two miles of this boundary are all that are dependent on the unexpired sections of this township. All the corners on this portion of the boundary were missing, except the cor. Ts. 23 and 24 S., Rs. 8 and 9 W., and the cor. secs. 2, 3, 34 and 35. The missing corners were reestablished by proportionate distance on line between these two corners for T. 23 S., and new cors. for T. 23 S. established at intervals of 40.00 chs. from the E. with fractional measurement placed in the W. half mile S. Boundary Sec. 35.

**Subdivision:** A portion of the subdivision of this township has been surveyed but as some of the corners were lost, and courses and distances were found in error, a resurvey was made of them. Lost sec. cors. were restored by proportionate measurement under the 2, 3, or 4 point control method in accordance with the provision of Chapter 5 of the Revised Manual. All lost 1/4 sec. cors. were restored by single proportionate measurement. In order to obtain the most regular sections, the east

## Method and Order of Procedure.

portion of the township was subdivided from the south to the north, and from the east to the west. The remainder of the township was subdivided from the north to the south and from the east to the west. Where possible, the fractional distances were placed against the previously surveyed lines and the west boundary of the township.

Resurvey South Boundary, T 23 S., R. 9 W.

Chains

Reestablishment of Surveys executed by A.J. Stewart, Jr. 188

From the cor. Ts. 23 and 24 S., Rs 8 and 9 W., hereinafter described,

West, retracing along S. bdy. of the Tp. bet. secs. 1 & 36.

40.00 Find no trace of the  $\frac{1}{2}$  sec. cor. secs. 1 and 36.

Continue on same line with continuous measurement.

80.00 Find no trace of the cor. secs. 1, 2, 35 and 36.

Continue on same line with new measurement.

40.00 Find no trace of the  $\frac{1}{2}$  sec. cor. secs. 2 and 35.

81.28 Fall 47 lks. S. of cor. secs. 2, 3, 34 and 35, hereinafter described.

The course of the line from cor. Ts. 23 and 24 S., Rs. 8 and 9 W., to the cor. secs. 2, 3, 34 and 35, therefore is N.  $89^{\circ}50'$  W., and the proportionate distance for each half mile is 40.32 chs.

Thence,

From the cor. secs. 2, 3, 34 and 35, which is a red sandstone, 24x10x4 ins. above ground, loosely set, properly marked and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 34 and 35, with brass cap marked

|       |     |
|-------|-----|
| T23S  | R9W |
| S34   | S35 |
| S3    | S2  |
| T24S  |     |
| 1925. |     |

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence

S.  $89^{\circ}50'$  E. on resurvey line along the N. bdy. of Sec. 2 Over rolling land through scattering undergrowth.

4.00 Spur, 40 ft. high, projects N.

16.00 Road, bears N. and S.

16.80 Draw, 40 ft. deep, drains N.

## Resurvey South Boundary, T. 23 S., R. 9 W.

## Chains

32.40 Spur, 40 ft. high, projects N.

40.52 Proportionate measurement.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor. sec. 2 only, with brass cap marked.

$\frac{1}{2}$  S2

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Note: 50 lbs. S. and 168 lbs. W. of this cor., found a granite, 14 x 10 x 8 ins., broken in two pieces and dually marked  $\frac{1}{2}$ . The position of these two pieces of stone indicated that the cor. had been removed from its original true position, I therefore deposited the two pieces of stone alongside the reestablished cor.

41.28 Westing of 40.00 chs. from the cor. secs. 35 and 36. Subsequently at this point:

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{2}$  sec. cor. sec. 35 only, with brass cap marked.

$\frac{1}{2}$  S35

1925

Deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked with a cross (X).

Cor. is set on top of spur, 30 ft. high, projects N.

44.50 Draw, 30 ft. deep, drains N. 10° W.

80.64 Proportionate measurement; on rolling top of ridge, 40 ft. high, bears NE. and SW.

Set an iron post, 3 ft. long, 1 ins. diam., 27 ins. in the ground, for cor. sec. 1 and 2 only, with brass cap marked.

T23S R9W

S35

S2

S1

T24S R9W

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Land, rolling with a general northerly exposure and drainage.

# Resurvey South Boundary, T. 23 S., R. 9 W.

## Chains

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush and shadscale.

No timber.

Fair grazing.

S.  $89^{\circ}50'$  E., along the N. bdy. sec. 1.

Over rolling land through scattered undergrowth.

.64 Easting of 80.00 chs. from the cor. Ts. 23 and 24 S.,  
Rs. 8 and 9 W.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 35 and 36 only, with brass  
cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S35  | S36 |

T24S R9W  
S1  
1924

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

4.60 The S. point of spur, 40 ft. high; descend gradual SE.  
slope, 190 ft.

20.60 Base of gradual descent, bears NE. and SW.

23.30 Road, bears NW. and SE.

40.32 Proportionate measurement.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for reestablished  $\frac{1}{4}$  sec. cor. sec. 1 only, with  
brass cap marked.

$\frac{1}{4}$  S1

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

40.64 Easting of 40.00 chs. from the cor. secs. 35 and 36.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 36 only, with brass cap  
marked.

$\frac{1}{4}$  S36

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.



## Resurvey South Boundary, T. 23 S., R. 9 W.

## Chains

- 63.20 Road, bears NE. and SW.
- 80.64 The cor. Ts. 23 and 24 S., Rs. 8 and 9 W., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records of the survey T. 23 S., R. 8 W.
- Land, rolling with a general northerly and southeasterly exposure and drainage.
- Soil, shallow clay, sand and rock; 3rd rate.
- Undergrowth, scattering sagebrush and shadscale.
- No timber.
- Fair grazing.

## Resurvey North Boundary, T. 23 S., R. 9 W.

Reestablishment of Surveys Executed by Julien Bauman 1870.

From the cor. Ts. 22 and 23 S., Rs. 8 and 9 W., which is an iron post, 3 ins., diam., set, marked and witnessed as described in the official records of the survey T. 23 S., R. 8 W.

West, on resurvey line bet. secs. 1 and 36, along the N. bdy. of the township.

Over rolling land through scattering undergrowth.

- 40.00 Record course and distance, find no trace of the 1 sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1 sec. cor., with brass cap marked.

836

51

1925

Deposit a sandstone, 6 x 2 x 2 ins., at base of post, marked with a cross (X), and dig pits, 18 x 16 x 12 ins., E. and W. of post, 3 ft. dist.

- 48.70 Road, bears N. 65° W. and S. 65° E.
- 50.70 Fence, bears N. 65° W. and S. 65° E.
- 54.70 Wash, 40 lks. wide, 6 ft. deep, which forms the channel of Beaver River, drains N.
- 69.90 Fence, bears N. and S.

## Resurvey North Boundary, T. 23 S., R. 9 W.

## Chains

80.00 Record course and distance, find no trace of the sec. 30.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 2, 35 and 36, with brass cap marked.

|      |       |
|------|-------|
| T22S | R9W ✓ |
| S35  | S36   |
| S2   | S1    |
| T23S |       |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling, with a general northerly exposure and drainage.

Soil, red and black clay; 3rd rate.

Undergrowth, scattering sagebrush, shadscale and greasewood.

No timber.

Poor grazing.

## Resurvey West Boundary, T. 23 S., R. 9 W.

From the cor. of Ts. 23 and 24 S., Rs. 9 and 10 W., which is a cedar, post, 3 ins. square and 3 ft. above ground, marked with 6 notches on all 4 edges.

Alongside of which:

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. Ts. 23 and 24 S., Rs. 9 and 10 W. with brass cap marked.

|      |     |
|------|-----|
| T23S |     |
| R10W | R9W |
| S36  | S31 |
| S1   | S6  |
| T24S |     |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Thence,

North, on resurvey line bet. secs. 31 and 36, along the W. bdy. of the township.

## Resurvey West Boundary, T. 23 S., R. 9 W.

## Chains

Over rolling land through scattered undergrowth.

22.00 Beaver River channel, dry, 50 lks. wide, 10 ft. deep,  
drains E.

40.00 Record course and distance, find no trace of the original  
1/4 sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for 1/4 sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S36 | S31

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

52.00 Road, bears NE. and SW.

53.40 Center of the main line of the Los Angeles and Salt Lake  
Railroad, bears N. 53°48' E. and S. 53°48' W.

54.50 Telegraph line, bears N. 53°48' E. and S. 53°48' W.

67.00 Bottom of swale, drains SE.

80.00 Record course and distance, find no trace of the original  
sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 25, 30, 31 and 36, with  
brass cap marked.

T23S  
 R10W | R9W  
 S25 | S30  
 S36 | S31

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling with a general easterly exposure and drain-  
age.

Soil, deep heavy gray clay; 3rd rate.

Undergrowth, scattering sagebrush, shadscale and grease-  
wood.

No timber.

Fair grazing.

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

## Random Lines

From the cor. secs. 34 and 35, on the S. bdy. of the township, heretofore described.

North, retracing bet. secs. 34 and 35.

40.15 Fall 20 lks. E. of the  $\frac{1}{4}$  sec. cor. hereinafter described.

The course of this half mile therefore is N.  $0^{\circ}17'$  W., and the distance is 40.15 chs.

Offset to cor. and continue N. with new measurement.

40.32 Fall 20 lks. E. of the cor. secs. 26, 27, 34 and 35, hereinafter described.

The course of this half mile therefore is N.  $0^{\circ}17'$  W., and the distance is 40.32 chs.

North, retracing bet. secs. 26 and 27.

40.23 Fall 18 lks. E. of the  $\frac{1}{4}$  sec. cor., hereinafter described.

The course of this half mile therefore is N.  $0^{\circ}15'$  W., and the distance is 40.23 chs.

Offset to cor. and continue N. with new measurement.

40.01 Fall 2 lks. E. of the cor. secs. 22, 23, 26 and 27, hereinafter described.

The course of this half mile therefore is N.  $0^{\circ}02'$  W., and the distance is 40.01 chs.

North, retracing bet. secs. 22 and 23.

40.19 Fall 11 lks. E. of the  $\frac{1}{4}$  sec. cor., hereinafter described.

The course of this half mile therefore is, N.  $0^{\circ}09'$  W., and the distance is 40.19 chs.

Offset to cor. and continue N. with new measurement.

40.16 Fall 16 lks. E. of the cor. secs. 14, 15, 22 and 23, hereinafter described.

The course of this half mile therefore is, N.  $0^{\circ}14'$  W., and the distance is 40.16 chs.

North, retracing bet. secs. 14 and 15.

40.00 Record course and distance; find no trace of the  $\frac{1}{4}$  sec. cor. Continue on same line with continuous measurement.

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

80.00 Record course and distance, find no trace of the cor. secs.  
10, 11, 14 and 15. Set temp. cor.

East, retracing bet. secs. 11 and 14.

40.00 Record course and distance; find no trace of the  $\frac{1}{4}$  sec.  
cor. Continue on same line with continuous measurement.

80.00 Find no trace of the cor. secs. 11, 12, 13 and 14.  
Set temp. cor.

East, retracing bet. secs. 12 and 13.

40.00 Record course and distance; find no trace of the  $\frac{1}{4}$  sec.  
cor. Continue on same line with continuous measurement.

81.40 Intersect the E. bdy. of the township, 156 lks. S. of the  
cor. secs. 7, 12, 13 and 18, which is an iron post,  
3 ins. diam., set, marked and witnessed as described  
in the official records of the survey T. 23 S., R. 8 W.

From the temp. cor. secs. 11, 12, 13 and 14.

South, retracing bet. secs. 13 and 14.

40.00 Find no trace of the  $\frac{1}{4}$  sec. cor.

From the temp. cor. secs. 11, 12, 13 and 14.

North, retracing bet. secs. 11 and 12.

40.00 Record course and distance; find no trace of the  $\frac{1}{4}$  sec.  
cor. Continue on same line with continuous measurement.

80.45 Fall 105 lks. W. of the cor. secs. 1, 2, 11 and 12, here-  
inafter described.

The course of the line bet. secs. 14 and 15, therefore is,  
N.  $1^{\circ}00'$  E., and the proportionate distance for each  
half mile is 40.005 chs.

The course of the line bet. secs. 11 and 14, therefore is,  
S.  $89^{\circ}41'$  W., and the proportionate distance for each  
half mile is 40.00 chs.

The course of the line bet. secs. 12 and 13 therefore is,  
S.  $89^{\circ}12'$  W., and the proportionate distance for each  
half mile is 40.00 chs.

The course of the line bet. secs. 11 and 12 therefore is,  
S.  $0^{\circ}15'$  E., and the proportionate distance for each

## Resurvey Subdivision, T. 25 S., R. 9 W.

## Chains

half mile is 40.00 chs.

The course of the N. half mile bet. secs. 13 and 14, therefore is, South, and the distance is 40.00 chs.

From the cor. secs. 1, 2, 11 and 12.

North, retracing bet. secs. 1 and 2.

40.00 Record distance; find no trace of the  $\frac{1}{4}$  sec. cor.

82.54 Intersect the N. bdy. of the township, 21 lks. W. of the cor. secs. 1, 2, 35 and 36, heretofore described.

The course of this line therefore is, N.  $0^{\circ}09'$  E. and the proportionate distance for the S. half mile is 41.24 chs. and the N. half mile is 41.30 chs.

From the cor. secs. 25, 30, 31 and 36, on the W. bdy. of the township, heretofore described.

East, retracing bet. secs. 30 and 31.

39.76 Record distance; find no trace of the  $\frac{1}{4}$  sec. cor.  
Continue on same line with continuous measurement.

79.68 Fall 95 lks. S. of the cor. secs. 29, 30, 31 and 32, hereinafter described.

The course of this line therefore is, S.  $89^{\circ}19'$  W., and the proportionate distance for the W. half mile is 39.72 chs. and the E. half mile is 39.96 chs.

North, retracing bet. secs. 29 and 30.

40.00 Find no trace of the  $\frac{1}{4}$  sec. cor.

From the cor. of secs. 29, 30, 31 and 32.

East, retracing bet. secs. 29 and 32.

40.04 Fall 15 lks. S. of the  $\frac{1}{4}$  sec. cor., hereinafter described  
The course of this half mile therefore is S.  $89^{\circ}47'$  W., and the distance is 40.04 chs. Offset to the  $\frac{1}{4}$  sec. cor. and continue E. with new measurement.

39.975 Find no trace of the cor. secs. 28, 29, 32 and 33.  
Set temp. cor.

South, retracing bet. secs. 32 and 33.

40.00 Record distance; find no trace of the  $\frac{1}{4}$  sec. cor.  
Continue on same line with continuous measurement.

## Resurvey of Subdivision, T. 23 S., R. 9 W.

Chains  
80.60

Intersect the S. bdy. of the township, 69 lks. W. of the cor. secs. 4, 5, 32 and 33, which is a sandstone, 18 x 16 x 10 ins. above ground, firmly set, marked 4 notches on E. edge and 2 notches on W. edge and unwitnessed.

From the temp. cor. left for secs. 28, 29, 32 and 33.

East, retracing bet. secs. 28 and 33.

40.985 Fall 4 lks. S. of the  $\frac{1}{4}$  sec. cor. secs. 28 and 33, which is a sandstone, 12 x 10 x 10 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face and unwitnessed.

From the temp. cor. secs. 28, 29, 32 and 33.

North, retracing bet. secs. 28 and 29.

40.33 Fall 59 lks. W. of the  $\frac{1}{4}$  sec. cor. secs. 28 and 29, hereinafter described.

The course of the E. half mile bet. secs. 29 and 32, therefore is, S.  $89^{\circ}58'$  W., and the distance is 40.385 chs.

The course of the S. half mile bet. secs. 28 and 29, therefore is N.  $0^{\circ}15'$  E., and the distance is 40.31 chs.

Offset to the  $\frac{1}{4}$  sec. cor. secs. 28 and 29, and continue N. with new measurement.

40.00 Find no trace of the cor. secs. 20, 21, 28 and 29.

Set temp. cor.

East, retracing bet. secs. 21 and 28.

39.91 Record distance; find no trace of the  $\frac{1}{4}$  sec. cor. Continue on same line with continuous measurement.

80.52 Fall 23 lks. N. of the cor. secs. 21, 22, 27 and 28, hereinafter described.

The course of the N. half mile bet. secs. 28 and 29, therefore is N.  $1^{\circ}00'$  E., and the distance is 40.01 chs.

The course of the line bet. secs. 21 and 28 therefore is N.  $89^{\circ}50'$  W., and the proportionate distance for each

half mile is 39.91 chs.

## Resurvey Subdivision, T. 23 S. &amp; R. 9 W.

Chains

entire 60.08

- North, retracing bet. secs. 21 and 22.
- 40.00 Find no trace of the  $\frac{1}{4}$  sec. cor. Continue on same line with continuous measurement.
- 80.00 Record distance; find no trace of the cor. secs. 15 and 21 and 22. Set temp. cor.
- 
- East, retracing bet. secs. 15 and 22.
- 39.86 Record distance; find no trace of the  $\frac{1}{4}$  sec. cor. Continue on same line with continuous measurement.
- 80.46 Fall 28 lks. S. of the cor. secs. 14, 15, 22 and 23, hereinafter described.
- The course of the line bet. secs. 21 and 22 therefore is N.  $0^{\circ}31'$  E., and the proportionate distance for each half mile is 40.00 chs.
- The course of the line bet. secs. 15 and 22, therefore is S.  $89^{\circ}48'$  W., and the proportionate distance for each half mile is 39.87 chs.

## True Lines.

- From the cor. secs. 34 and 35, on the S. bdy. of the township.
- N.  $0^{\circ}17'$  W., on resurvey line along the E. bdy. of sec. Over rolling land through scattered undergrowth.
- 1.50 Rocky spur, 20 ft. high, projects N.  $60^{\circ}$  W.
- 4.00 Wash, 20 lks. wide, 3 ft. deep, drains N.  $30^{\circ}$  E.
- 16.20 Road, bears NE. and SW.
- 34.40 Wash, 40 lks. wide, 8 ft. deep, drains N.  $70^{\circ}$  W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., sec. 35 only, with brass cap marked.

 $\frac{1}{4}$  S35

1925

From which,

A juniper, 7 ins. diam., bears N.  $39^{\circ}$  E., 420 lks. dist., marked  $\frac{1}{4}$  S35 BT.



## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

A juniper, 5 ins. diam., bears S.  $47^{\circ}45'$  E., 374 lks. dist., marked  $\frac{1}{4}$  S35 BT.

- 40.15 The  $\frac{1}{4}$  sec. cor. originally for secs. 34 and 35, which is a sandstone, 16 x 14 x 10 ins. above ground, firmly set and properly marked.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 34 only, with brass cap marked.

$\frac{1}{4}$  S34

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 45.10 Wash, 20 lks. wide, 3 ft. deep, drains N.  $80^{\circ}$  W.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 26 and 35 only, with brass cap marked.

|     |      |
|-----|------|
| S34 | T23S |
|     | S26  |
|     | S35  |
|     | R9W  |

1925

From which,

A juniper, 5 ins. diam., bears S.  $50^{\circ}25'$  E., 295 lks. dist., marked T23S R9W S35 BT.

No other suitable bearing trees available.

- 80.47 The cor. originally for secs. 26, 27, 34 and 35, which is a limestone, 26 x 14 x 14 ins., properly marked and loosely set and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 27 and 34 only, with brass cap marked.

|     |      |
|-----|------|
| S34 | T23S |
|     | S27  |
|     | S35  |
|     | R9W  |

S26

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling with a general northwesterly exposure and

Resurvey Subdivision, T. 23 S., R. 9 W.

Chains

Soil, deep, heavy dark clay; 3rd rate.

Undergrowth, scattering sagebrush, shadscale and grease-wood.

Timber, a few scattered scrub juniper.

Fair grazing.

N. 0°15' W., along the E. bdy. secs. 27, on resurvey line

Over rolling land through scattered undergrowth.

.40 Wash, 40 lks. wide, 10 ft. deep, drains N. 70° W.

2.00 Wash, 40 lks. wide, 12 ft. deep, drains W.

39.53 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 26 only, with brass cap marked.

$\frac{1}{4}$  S26

1925

Deposit a sandstone, 12 x 10 x 6 ins., at base of post, marked with a cross (X).

40.23 The  $\frac{1}{4}$  sec. cor. originally for secs. 26 and 27, which is a sandstone, 25 x 18 x 6 ins., above ground, firmly set, properly marked and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 27 only, with brass cap marked.

$\frac{1}{4}$  S27

1925

Deposit a sandstone, 12 x 10 x 8 ins., at base of post, marked with a cross (X).

Thence, N. 0°02' W., with continuous measurement.

50.50 Enter scattered juniper timber, bears E. and W.

79.53 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 23 and 26 only, with brass cap marked.

S27

T23S  
S23

S26  
R9W

## Resurvey Subdivision of T. 23 S., R. 9 W.

## Chains

From which,

A juniper, 10 ins. diam., bears N.  $64^{\circ}30'$  E., 67 lks.  
dist., marked T23S R9W S23 BT.

A juniper, 7 ins. diam., bears S.  $75^{\circ}45'$  E., 11 lks.  
dist., marked T23S R9W S26 BT.

80.24 The cor. originally for secs. 22, 23, 26 and 27, which is  
a sandstone, 26 x 24 x 12 ins. above ground, firmly set,  
properly marked.

From which,

A juniper, 8 ins. diam., bears S.  $9^{\circ}$  E., 74 lks.  
dist., marked T23S R9W S26 BT. I efface the marks on  
this tree.

A juniper, 5 ins. diam., bears S.  $23^{\circ}45'$  W., 72 lks.  
dist., marked T23S R9W S27 BT.

A juniper, 8 ins. diam., bears N.  $68^{\circ}$  W., 34 lks.  
dist., marked T23S R9W S22 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 22 and 27 only, with brass  
cap marked.

|      |      |
|------|------|
| T23S | S23  |
| S22  |      |
| S27  | 1925 |
| R9W  |      |

1925

Land, rolling with a general westerly exposure and drain-  
age.

Soil, deep dark clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood and shadscale.

Timber, scattered scrub juniper on N. portion of mile.

Fair grazing.

N.  $0^{\circ}09'$  W., along the E. bdy. sec. 22 on resurvey line.

Over rolling land through scattered timber and undergrowth.

13.30 Wash, 30 lks. wide, 5 ft. deep, drains N.  $60^{\circ}$  W.

27.50 Leave timber, bears E. and W.

39.29 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

ground, for  $\frac{1}{4}$  sec. cor. sec. 23 only, with brass cap marked.

$\frac{1}{4}$  S23

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

- 40.19 The original  $\frac{1}{4}$  sec. cor. secs. 22 and 23, which is a sandstone, 20 x 10 x 8 ins. above ground, firmly set, properly marked and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 22 only, with brass cap marked.

$\frac{1}{4}$  S22

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence; N.  $0^{\circ}14'$  W., with continuous measurement.

- 48.80 Wash, 15 lks. wide, 3 ft. deep, drains NW.

- 77.10 Road, bears E. and W.

- 80.35 The original cor. secs. 14, 15, 22 and 23, which is a sandstone, 20 x 10 x 10 ins. above ground, firmly set, properly marked and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 14, 15, 22 and 23, with brass cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S15  | S14 |
| S22  | S23 |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling with a general northwesterly exposure and drainage.

Soil, deep, heavy dark clay; 3rd rate.

Undergrowth, scattered shadscale, sagebrush and greasewood.

Timber, scattered scrub juniper on S. portion of mile.

Fair grazing.

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

N. 1°00' E., bet. secs. 14 and 15 on resurvey line.

Over rolling land through scattered undergrowth.

4.50 Top of gradual descent from bench over rolling NW. slope, bears NE. and SW.

9.00 Base of descent, 70 ft. below top, bears NE. and SW.; thence over rolling bottom of wide swale.

23.80 Beaver River channel, dry, 60 lks. wide, 15 ft. deep, drains E.

40.005 Proportionate distance..

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 14 only, with brass cap marked.

S14

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.

42.955 Southing of 40.00 chs. from the cor. secs. 10 and 15.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 15 only, with brass cap marked.

S15

1925

Raise a mound of stone, 7 ft. base, 1 ft. high, W. of cor.

70.00 Base of gradual ascent over rolling S. slope, bears E. and W.

80.01 Proportionate measurement.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 11 and 14 only, with brass cap marked.

S15

T23S  
S11

S14  
R9W

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep, dark heavy clay; 3rd rate.

Undergrowth, scattered sagebrush, greasewood and shadscale.

## Resurvey Subdivision, T. 23 S., R. 9 W.

Chad ns

No timber.

Fair grazing.

N. 89°41' E., bet. secs. 11 and 14 on resurvey line.

Over rolling land through scattered undergrowth.

3.60 Wash, 40 lks. wide, 5 ft. deep, drains S.

40.00 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1 sec. cor. secs. 11 and 14, with brass cap marked.

S11 ✓

|   |     |
|---|-----|
| + | S14 |
|---|-----|

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

50.60 Road, bears NW. and SE.

72.70 Low hill, 20 ft. high, bears N. and S.; thence over level bottom of river bed.

75.70 Fence, bears N. 15° W. and S. 15° E.

80.00 Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 11, 12, 13 and 14, with brass cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S11  | S12 |

|     |     |
|-----|-----|
| S14 | S13 |
|-----|-----|

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling, with a general northeasterly exposure and drainage.

Soil, deep, heavy dark clay; 3rd rate.

Undergrowth, scattered sagebrush, greasewood and shadsca

No timber.

Fair grazing.

South, on resurvey line bet. secs. 13 and 14.

Over rolling land through scattered undergrowth.

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

- 7.50 Fence, bears E. and W.  
 8.30 Road, bears E. and W.  
 21.20 Beaver River channel, 50 lks. wide, 10 ft. deep, drains E.  
 26.60 Road, bears NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ \text{S14} \mid \text{S13} \end{array}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling, with a general northerly exposure.  
 Soil, deep heavy dark clay; 3rd rate.  
 Undergrowth, scattered sagebrush, shadscale and greasewood.  
 No timber. Fair grazing.

---

From the cor. secs. 11, 12, 13 and 14.

N.  $89^{\circ}12'$  E., on resurvey line bet. secs. 12 and 13.

Over level land through scattered undergrowth.

- 8.00 Beaver River channel, 50 lks. wide, 10 ft. deep, drains N.  
 26.90 Irrigation ditch, 10 lks. wide, 2 ft. deep, drains S.  
 28.90 Fence, bears N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W.  
 29.10 Road, bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.; ascend gradual W slope.  
 40.00 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., secs. 12 and 13, with brass cap marked.

$$\begin{array}{c} \text{S12} \\ \frac{1}{4} \text{---} \text{S13} \end{array}$$

1925

Deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

- 48.90 Road, bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.  
 54.10 Wash, 40 lks. wide, 10 ft. deep, drains N.  
 56.00 Top of gradual ascent, bears N. and S.; thence over level top of bench.  
 80.00 The cor. secs. 7, 12, 13 and 18, on the E. bdy. of the township, heretofore described.

Land, rolling with a general northerly exposure and drainage.

## Resurvey Subdivision, T. 23 S., R. 9 W.

Chains

Undergrowth, scattered shadscale, greasewood and sagebrush.  
No timber. Fair grazing.

From the cor. secs. 11, 12, 13 and 14.

N.  $0^{\circ}15'$  W., on resurvey line bet. secs. 11 and 12.

Over level land through scattered undergrowth.

7.00 Base of gradual ascent over SE. slope, bears NE. and SW.

8.00 Fence, bears NE. and SW.

40.00 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 12 only, with brass cap  
marked.  $\frac{1}{4}$  S12 ✓

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. di

42.54 Southing of 40.00 chs. from the cor. secs. 2 and 11.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 11 only, with brass cap  
marked.  $\frac{1}{4}$  S11 ✓

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. di

80.00 The original cor. secs. 1, 2, 11 and 12, which is a  
juniper post, 4 ins. square, 4 ft. above ground, marked  
5 notches on S. face, 1 on E. face and S1 on N. face,  
and unwitnessed. Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 1 and 12 only, with brass  
cap marked.

S11

T23S  
S1 ✓

S12  
R9W

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of co  
Land, rolling with a general northeasterly exposure and  
drainage.

Soil, deep heavy dark clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale and greasewood

No timber.

Fair grazing.



## Resurvey Subdivision, T. 23 S., R. 9 W.

Chains

N. 0°09' E., on resurvey line along the W. bdy. sec. 1.  
Over rolling land through scattered undergrowth.

2.54 Southing of 80.00 chs. from the cor. secs. 1, 2, 35 and  
36, on the N. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 2 and 11 only, with brass  
cap marked.

|      |    |
|------|----|
| T23S | S1 |
| S2   |    |
| S11  |    |
| R9W  |    |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

41.24 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 1 only, with brass cap  
marked.

|                  |
|------------------|
| $\frac{1}{4}$ S1 |
|------------------|

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

42.54 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 2 only, with brass cap  
marked.

|                  |
|------------------|
| $\frac{1}{4}$ S2 |
|------------------|

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

64.00 Swale, 15 ft. deep, drains E.

81.00 Wash, 15 lks. wide, 3 ft. deep, drains N. 60° E.

82.54 The cor. secs. 1, 2, 35 and 36, on the N. bdy. of the  
township, heretofore described.

Land, rolling with general easterly exposure and drainage.

Soil, deep clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood and shadscale.

No timber.

Fair grazing.

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

From the cor. secs. 25, 30, 31 and 36, on the W. bdy.  
of the township, heretofore described.

N. 89°19' E., on resurvey line bet. secs. 30 and 31..

Over rolling land through scattered undergrowth.

1.20 Wash, 15 lks. wide, 4 ft. deep, drains SE.

4.00 Wash, 15 lks. wide, 4 ft. deep, drains SE.

6.60 Wash, 20 lks. wide, 5 ft. deep, drains SE.

11.60 Wash, 30 lks. wide, 8 ft. deep, drains SE.

20.50 Top of hill 30 ft. high, bears N. and S.

37.10 Telegraph line, bears N. 53°48' E., and S. 53°48' W.

37.60 Main line Los Angeles and Salt Lake Railroad, bears  
N. 53°48' E. and S. 53°48' W.

39.72 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. secs. 30 and 31, with brass  
cap marked.

$$\frac{\frac{1}{4} \text{ S30 } \checkmark}{\text{S31}}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of co  
From this cor.; a derail switch, bears S. 79° W., 3.30  
chs. dist.

A siding switch, bears N. 0°10' E., 2.08 chs. dist.

A railroad bridge numbered 605.01, bears N. 22°35' E.,  
3.08 chs. dist.

40.20 Road, bears NE. and SW.

43.10 Wash, 40 lks. wide, 8 ft. deep, drains NW.

57.50 Beaver River channel, 50 lks. wide, 15 ft. deep, drains  
N.

78.80 Wash, 15 lks. wide, 3 ft. deep, drains NE.

79.68 The original cor. of secs. 29, 30, 31 and 32, which is  
a sandstone, 18 x 12 x 12 ins. above ground, firmly set  
properly marked and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 29, 30, 31 and 32, with

## Resurvey Subdivision, T. 23 S., R. 9 W.

Chains

|             |            |
|-------------|------------|
| T23S<br>S30 | R9W<br>S29 |
| S31         | S32        |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling with a general northerly exposure and  
drainage.

Soil, deep heavy dark clay; 3rd rate.

Undergrowth, scattered greasewood, shadscale and sagebrush.

No timber.

Fair grazing.

North, on resurvey line bet. secs. 29 and 30.

Over rolling land through scattered undergrowth.

2.00 Wash, 15 lks. wide, 3 ft. deep, drains NE.

7.60 Beaver River channel, 40 lks. wide, 10 ft. deep, drains  
E.

30.00 Road, bears NE. and SW.

31.00 Main line Los Angeles and Salt Lake Railroad, bears  
N.  $53^{\circ}48'$  E. and S.  $53^{\circ}48'$  W.

32.00 Telegraph line, bears N.  $53^{\circ}48'$  E. and S.  $53^{\circ}48'$  W.

40.00 Record course and distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 29 only, with brass cap  
marked.

$\frac{1}{4}$  S29

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
Land, rolling with a general southeasterly exposure and  
drainage.

Soil, deep heavy clay; 3rd rate.

Undergrowth, scattered greasewood, sagebrush, yellow  
top and shadscale.

No timber.

Fair grazing.

## Recurvey Subdivision, T. 22 S., R. 2 E.

## Chains

From the cor. secs. 29, 30, 31 and 32.

S. 89°47' E., on recurvey line bet. secs. 29 and 32.

Over rolling land through scattered undergrowth.

15.40 head, bears SW. and SE.

40.04 The original sec. cor. secs. 29 and 32, which is a  
sandstone, 15 x 10 x 10 ins. above ground, firmly set,  
properly marked and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for sec. cor. secs. 29 and 32, with brass  
cap marked.

|     |   |
|-----|---|
| 529 | ✓ |
| 532 |   |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence, N. 89°50' E., with continuous measurement.

60.70 Wash, 15 lbs. wide, 3 ft. deep, drains N.

71.90 head, bears NE. and SW.

80.475 Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the  
ground, for cor. secs. 29, 30, 32 and 33, with brass  
cap marked.

|      |     |
|------|-----|
| T23C | ROW |
| 529  | 528 |
| 532  | 535 |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling with a general northerly exposure and  
drainage.

Soil, deep heavy clay; 3rd rate.

Undergrowth, scattered chadscale, sagebrush, greasewood  
and yellow top.

No timber.

Fair grazing.

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

From the cor. secs. 28, 29, 32 and 33.

N.  $0^{\circ} 15'$  E., on resurvey line bet. secs. 28 and 29.

Over rolling land through scattered undergrowth. Ascend gradually.

2.00 Road? bears NE. and SW.

32.00 Wash, 30 lks. wide, 4 ft. deep, which forms the channel of the Beaver River, drains NE.

40.31 The original  $\frac{1}{4}$  sec. cor. secs. 28 and 29, which is a juniper post, 4 ins. square, and 4 ft. above ground, firmly set and marked  $\frac{1}{4}$  on the W. face. No accessories found to cor.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., secs. 28 and 29, with brass cap marked.

$\frac{1}{4}$

S29 | S28

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Thence,

N.  $1^{\circ} 00'$  E., with continuous measurement.

80.32 Proportionate measurement.

On rolling land:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 28 and 29 only, with brass cap marked.

T23S R9W  
S20

S29 | S28

1925

Resurvey Subdivision, T. 23 S., R. 9 W.

Chains

antano

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep heavy dark clay; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood, and yellow top.

No timber.

Fair grazing.

S.  $89^{\circ}50'$  E., on resurvey line bet. secs. 21 and 28.

Over rolling land through scattered undergrowth.

1.92 Point for the closing cor. secs. 20 and 21, hereinafter described.

10.00 Road, bears N. and S.

17.20 Low hill, 20 ft. high, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

39.91 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 28 only, with brass cap marked.

$\frac{1}{4}$  S28

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

40.20 Wash, 20 lks. wide, 5 ft. deep, drains S.

41.92 Easting of 40.00 chs. from the closing cor. secs. 20 and 21.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 21 only, with brass cap marked.

$\frac{1}{4}$  S21

1925

## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 44.80 Wash, 30 lks. wide, 6 ft. deep, drains S.
- 47.60 Wash, 30 lks. wide, 6 ft. deep, drains S.
- 68.40 Beaver River channel, 50 lks. wide, 15 ft. deep, drains  
N. 10° E.
- 72.30 Wash, 50 lks. wide, 10 ft. deep, drains N. 60° W.
- 79.82 The cor. secs. 21, 22, 27 and 28, which is a gray sand-  
stone, 20 x 16 x 12 ins. above ground, firmly set,  
properly marked and unwitnessed.
- Alongside the original cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 21, 22, 27 and 28, with  
brass cap marked.

|      |       |
|------|-------|
| T23S | R9W   |
| S21  | S22 ✓ |
| S28  | S27   |

1925

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Land, rolling with a general southerly exposure and  
drainage.
- Soil, deep, heavy, dark colored clay; 3rd rate.
- Undergrowth, scattered shadscale, greasewood, sagebrush  
and yellow top.
- No timber.
- Fair grazing.

- N. 0°31' E., on resurvey line bet. secs. 21 and 22.
- Over rolling land through scattered undergrowth.
- 17.00 Beaver River channel, 50 lks. wide, 15 ft. deep, drains  
N. 60° E.
- 28.00 Top elongated sand hill, 20 ft. high, bears NE. and SW.
- 40.00 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 22 only, with brass cap  
marked.

 $\frac{1}{4}$  S22 ✓

1925

## Resurvey Subdivision T. 23 S., R. 9 W.

## Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
 43.30 Southing of 40.00 chs. from the cor. secs. 16 and 21.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. sec. 21 only, with brass cap  
 marked.

 $\frac{1}{4}$  S21

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 45.00 Elongated sand hill 30 ft. high, bears NE. and SW.  
 50.00 Wash, 30 lks. wide, 8 ft. deep, drains S. 20° E.  
 55.00 Wash, 30 lks. wide, 8 ft. deep, drains S. 20° E.  
 78.70 Spur from the main line of the Los Angeles and Salt Lake  
 Railroad, bears E. and W.  
 80.00 Proportionate distance; on N. side of railroad grade.  
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the  
 ground, for NW. cor. sec. 22 only, with brass cap marked.

S21

|      |
|------|
| T23S |
| R9W  |
| S22  |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, SE. of cor.  
 Land, rolling, with general southeasterly exposure and  
 drainage.  
 Soil, shallow red clay sand and rock; 3rd rate.  
 Undergrowth, scattered shadscale, sagebrush, greasewood  
 and yellow top.  
 No timber.  
 Fair grazing.

N. 89°48' E., on resurvey line along the N. bdy. of sec.  
 22.

Over rolling land through scattered undergrowth.

1.37 Point for the closing cor. secs. 15 and 21, hereinafter  
 described.

2.50 Spur from main line Los Angeles And Salt Lake Railroad,  
 bears N. 15° W. and S. 15° E.



## Resurvey Subdivision, T. 23 S., R. 9 W.

## Chains

22.20 Wash, 30 lks. wide, 3 ft. deep, drains S. 20° W.

39.87 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 22 only, with brass cap marked.

$\frac{1}{4}$  S22

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

41.37 Easting of 40.00 chs. from the closing cor. secs. 15. and 21.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 15 only, with brass cap marked.

$\frac{1}{4}$  S15

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

41.80 Wash, 15 lks. wide, 4 ft. deep, drains S.

53.50 Beaver River channel, 40 lks. wide, 10 ft. deep, drains N. 10° E.

70.40 Top of gradual ascent on bench, bears N. and S.

79.74 The cor. secs. 14, 15, 22 and 23,

Land, rolling, with a general southeasterly exposure and drainage.

Soil, deep, dark heavy clay; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood, and yellow top.

No timber.

Fair grazing.

## Survey North Boundary, T. 23 S., R. 9 W.

Chain North Boundary, T. 23 S., R. 9 W. ( New Work ).

From the cor. secs. 1, 2, 35 and 36, on the N. bdy. of the township, heretofore described.

West, bet. secs. 2 and 35, along the N. bdy. of the township.

Over rolling land through scattered undergrowth.

38.00 Road, bears NE and SW.

39.00 Main line of the Los Angeles And Salt Lake Railroad, bears

N.  $17^{\circ}43'$  E. and S.  $17^{\circ}43'$  W.

39.60 Telegraph line, bears N.  $17^{\circ}43'$  E. and S.  $17^{\circ}43'$  W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S35  
—  
S2

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 34 and 35, with brass cap marked.

|      |     |
|------|-----|
| T22S | R9W |
| S34  | S35 |
| S3   | S2  |
| T23S |     |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. land, rolling, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood and yellow top.

No timber.

fair grazing.

West, bet. secs. 3 and 34.

Over rolling land through scattered undergrowth.

40.00 In bottom of swale, 30 ft. deep, drains SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

## Survey North Boundary, T. 23 S., R. 9 W.

Chains

$$\frac{1}{4} \frac{S34}{S3}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
Thence ascend gradual E. slope.

43.70 Wash, 20 lks. wide, 3 ft. deep, drains NE.

68.10 Road, bears N. 60° E. and S. 60° W.

69.20 Wash, 40 lks. wide, 6 ft. deep, drains NW.

80.00 On gradual E. slope, 240 ft. above the  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in  
the ground to bedrock and in a large mound of stone,  
for cor. secs. 3, 4, 33 and 34, with brass cap marked.

|      |     |
|------|-----|
| T22S | R9W |
| S33  | S34 |
| S4   | S3  |
| T23S |     |

1925

Deposit a sandstone, 10 x 8 x 4 ins., at base of post,  
marked with a cross (X).

Land, rolling with a general easterly exposure and  
drainage.

Soil, shallow loose sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood  
and yellow top.

No timber.

Fair grazing.

West, bet. secs. 4 and 33.

Ascend gradual E. slope of rolling land through scattered  
undergrowth.

32.90 The S. point of spur, 30 ft. high.

37.90 Wash, 20 lks. wide, 3 ft. deep, drains S.

40.00 On gradual E. slope, 370 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S33}{S4}$$

## Survey North Boundary, T. 23 S., R. 9 W.

## Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
Thence ascend abrupt E. slope over broken sandstone out-  
croppings.

59.50 Rocky spur, 600 ft. above the  $\frac{1}{2}$  sec. cor., projects S.;  
descend gradually along broken W. slope.

65.40 Ridge, 60 ft. below spur, bears NE. and SW.; descend  
abrupt NW. slope.

76.00 Draw, 360 ft. below ridge, drains SW.; ascend gradual SE.  
slope.

80.00 On SW. point of spur, 30 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the  
ground to bedrock and in a large mound of stone, for  
cor. secs. 4, 5, 32 and 33, with brass cap marked.

|      |     |
|------|-----|
| T22S | R9W |
| S32  | S33 |

|      |    |
|------|----|
| S5   | S4 |
| T23S |    |

1925

Deposit a limestone, 8 x 8 x 6 ins., at base of post,  
marked with a cross (X).

Land, rolling and broken, with a general easterly and  
southwesterly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale  
and yellow top.

No timber.

Fair grazing.

West, bet. secs. 5 and 32.

Descend gradually over rolling foot hills through  
scattered undergrowth.

15.00 Draw, 120 ft. below cor., drains NW.; ascend gradual NE.  
slope.

23.00 Spur, 20 ft. above draw, projects NW.; descend gradual  
W. slope.

40.00 On gradual W. slope, 80 ft. below spur.

## Survey North Boundary, T. 23 S., R. 9 W.

## Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} .S32 \\ \frac{1}{4} \text{---} \\ S5 \end{array}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

65.00 Large wash, 60 lks. wide, 6 ft. deep, drains S.

78.50 Road, bears N. and S.

80.00 On level land.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 5, 6, 31 and 32, with brass cap marked.

|      |     |
|------|-----|
| T22S | R9W |
| S31  | S32 |
| S6   | S5  |
| T23S |     |

1925

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

Land, rolling with a general southerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, greasewood, sagebrush and yellow top.

No timber.

Fair grazing.

West, bet. secs. 6 and 31.

Over rolling land through scattered undergrowth.

7.70 Road, bears N. and S.

25.00 Wash, 30 lks. wide, 4 ft. deep, drains S.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S31 \\ \frac{1}{4} \text{---} \\ S6 \end{array}$$

1925

## Survey North Boundary, T. 23 S., R. 9 W.

## Chains

- Deposit a sandstone, 12 x 8 x 4 ins., at base of post, marked with a cross (X).
- 43.90 Road, bears N. and S.
- 45.00 Wash, 30 lks. wide, 3 ft. deep, drains S.
- 60.50 Swale, 20 ft. deep, drains S.
- 68.00 Spur, 50 ft. high, projects S.
- 70.40 Swale, 20 ft. deep, drains S.
- 73.50 Spur, 30 ft. high, projects S.
- 74.00 Draw, 20 ft. deep, drains S.
- 82.37 Intersect a line projected N. 484.26 chs. dist. from the cor. of Ts. 23 and 24 S., Rs. 9 and 10 W.

At point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. Ts. 22 and 23 S., Rs. 9 and 10 W., with brass cap marked.

|       |     |
|-------|-----|
| T22S  |     |
| R10W  | R9W |
| S36   | S31 |
| ----- |     |
| S1    | S6  |
| T23S  |     |

1925

Deposit a sandstone, 10 x 7 x 4 ins., at base of post, marked with a cross (X).

Land, rolling, with a general southerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

No timber.

Fair grazing.

## Survey West Boundary, T. 23 S., R. 9 W.

From the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the township, heretofore described.

North, bet. secs. 25 and 30, along the W. bdy. of the township.

## Survey West Boundary, T. 23 S., R. 9 W.

## Chains

- .40 Wash, 20 lks. wide, .5 ft. deep, drains SE.
- 21.60 Swale, 30 ft. deep, drains SE.
- 31.40 Swale, 30 ft. deep, drains SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 25 only, with brass cap marked.
- $\frac{1}{4}$  S25
- 1925
- ✓ Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- 41.35 Southing of 40.00 chs. from the closing cor. secs. 19 and 30, T. 23 S., R. 9 W.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 30 only, with brass cap marked.
- $\frac{1}{4}$  S30
- 1925
- Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
- 65.40 Swale, 20 ft. deep, drains E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 24 and 25 only, with brass cap marked.
- |      |      |
|------|------|
| T23S | T23S |
| S24  |      |
|      | R9W  |
| S25  |      |
| R10W | S30  |
- 1925
- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Land, rolling, with a general southeasterly exposure and drainage.
- Soil, shallow clay, sand and rock; 3rd rate.
- Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.
- No timber.
- Fair grazing.
- 
- North, along the E. bdy. sec. 24.
- Over rolling land through scattered undergrowth.
- 1.35 Point for the closing cor. secs. 19 and 30, hereinafter described.

Survey West Boundary, T. 23 S., R. 9 W.

Chains

24.20 Swale, 10 ft. deep, drains E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 24 only, with brass cap marked.

$\frac{1}{4}$  S24

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

44.52 Southing of 40.00 chs. from the closing cor. secs. 18 and 19, T. 23 S., R. 9 W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 19 only, with brass cap marked.

$\frac{1}{4}$  S19

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

69.10 Road, bears N. 60° W. and S. 60° E.

76.00 Wash, 30 lks. wide, 4 ft. deep, drains E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 13 and 24 only, with brass cap marked.

|      |      |
|------|------|
| T23S | T23S |
| S13  |      |
| S24  | R9W  |
| R10W | S19  |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, greasewood, sagebrush and yellow top.

No timber.

Fair grazing.

North, along the E. bdy. sec. 13.

Over rolling land through scattered undergrowth.

4.52 Point for the closing cor. secs. 18 and 19, hereinafter described.



41

Survey West Boundary, T. 23 S., R. 9 W.

## Chains

29.20 Swale, 30 ft. deep, drains SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for a sec. cor. sec. 13 only, with brass cap marked

$$\frac{1}{4} S 13$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

40.30 Wash, 20 lks. wide, 3 ft. deep, drains SE.

44.42 Mid point between the closing cor. secs. 18 and 19, and secs. 7 and 18, T. 23 S., R. 9 W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for a sec. cor. sec. 18 only, with brass cap marked,

$$\frac{1}{4} S 18$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 in. diam., 27 ins. in the ground, for cor. secs. 12 and 13 only, with brass cap marked,

|      |      |
|------|------|
| T23S | T23S |
| S12  | R9W  |
| S13  | S18  |
| R10W |      |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose clay, sand and rock, 3rd. rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

No timber.

Fair grazing.

North, along the E bdy. Sec. 12

Over rolling land through scattered undergrowth.

4.32 Point for the closing cor. secs. 7 and 18, hereinafter described.

Survey West Boundary, T. 23 S., R. 9 W.

chains

- 6.70 Wash, 30 lks. wide, 5 ft. deep, drains SE.  
 12.10 Road, bears N. 60° E. and S. 60° W.  
 21.30 Road, bears S. 60° E. and N. 60° W.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
 the ground, for 1 sec. cor., sec. 12 only, with brass  
 cap marked,

1/4 S12

1925

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 4.38 Mid point bet. the closing cors. secs. 7 and 18, and  
 secs. 6 and 7, T. 23 S. R. 9 W,  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
 the ground, for 1 sec. cor. sec. 7 only, with brass  
 cap marked

1/4 S7

1925

- also a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
 3.30 Road, bears NE and SW.  
 10.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
 the ground, for cor. secs. 1 and 12 only, with brass  
 cap marked,

T23S  
 S1

T23S

R9W

S12  
 R10W

S7

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling, with a general southeasterly exposure  
 and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Un engrowth, scattered sagebrush, greasewood, shadscale  
 and yellow top.

No timber.

Paid grazing.

North, along the E. Bdy. Sec. 1

Over rolling land through scattered undergrowth.

- 4.44 Point for the closing cor. secs. 6 and 7, hereinafter  
 described.

## Survey West Boundary, T. 23 S., R. 9 W.

## Chains

- 9.30 Spur, 60 ft. high, projects S. 80° E.
- 14.00 Draw, 40 ft. deep, drains S. 80° E.; ascend gradually over rocky S. slope.
- 40.00 On top of spur, 280 ft. above draw, projects E.  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{2}$  sec. cor. sec. 1 only, with brass cap marked.
- S1  
1925
- Deposit a limestone, 10 x 6 x 2 ins., at base of post, marked with a cross (X).  
Descend gradually over rocky N. slope.
- 43.40 Draw, 60 ft. below cor., drains E.; ascend gradual S. slope.
- 44.35 Mid point bet. the cor. Ts. 22 and 23 S., Rs. 9 and 10 W. and the point for the closing cor. secs. 6 and 7.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor. sec. 6 only, with brass cap marked.
- S6  
1925
- Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
- 47.60 Spur, 60 ft. above draw, projects E.; descend abrupt N. slope.
- 57.00 Base of descent, 150 ft. below spur, bears E. and W.; thence over rolling land.
- 58.30 Road, bears E. and W.
- 60.20 Wash, 30 lks. wide, 5 ft. deep, drains E.
- 77.10 Wash, 40 lks. wide, 6 ft. deep, drains E.; ascend gradual SE. slope.
- 84.26 The cor. of Ts. 22 and 23 S., Rs. 9 and 10 W., heretofore described, 40 ft. above wash.  
Land, rolling, with a general southeasterly exposure and drainage.  
Soil, shallow sand, clay and rock; 3rd rate.  
Undergrowth, scattered shadscale and sagebrush.  
No timber. Fair grazing.

Subdivision, T. 23 S., R. 9 W.

Chains

Subdivision of T. 23 S.R. 9 W

From the cor. secs. 35 and 36, on the S. bdy. of the township, heretofore described.

N. 0°04' W., bet. secs. 35 and 36, parallel to the mean course of the E. bdy. ( See method and order of procedure

Over rolling land through scattered undergrowth.

2.60 Ridge, 40 ft. high, bears NE. and SW.

17.00 Spur, 40 ft. high, projects NE., 1.00 chs., thence N. 20° W.

40.00 Near bottom of draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

|      |     |
|------|-----|
| S35  | S36 |
| 1925 |     |

From which,

A lone juniper, 6 ins. diam., bears S. 41°15' E.,

209 lks. dist., marked  $\frac{1}{2}$  S36 BT.

No other suitable bearing trees available.

40.30 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, 40 ft.

deep, drains W.

40.40 Road, bears N. 60° W. and S. 60° E.

54.00 Spur, 50 ft. high, projects W.

58.10 Draw, 40 ft. deep, drains W.

71.60 Spur, 40 ft. high, projects NW.

80.00 In bottom of draw, 30 ft. deep, drains NW.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

|      |       |
|------|-------|
| T23S | R9W / |
| S26  | S25   |
| S35  | S36   |
| 1925 |       |

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor

Land, rolling, with a general westerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

## Subdivision of T. 23 S., R. 9 W.

## Chains

Undergrowth, scattered sagebrush, greasewood, shadscale, and yellow top.

No timber.

Fair grazing.

S.  $89^{\circ}50'$  E., on random line, bet. secs. 25 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect the E. bdy. of the township, 2 lks. N. of the cor. secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records of the survey T. 23 S., R. 8 W. Thence,

N.  $89^{\circ}49'$  W., on true line bet. secs. 25 and 36.

Ascend gradual E. slope of rolling land through scattered undergrowth.

20.20 Spur, 250 ft. above cor., projects N.; descend gradual W. slope.

39.40 Draw, 220 ft. below spur, drains N.; ascend gradual E. slope.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\frac{\frac{1}{4} \text{ S25 } /}{\text{S36}}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

61.60 Ridge, 240 ft. above draw, bears N. and S.; descend abrupt W. slope.

79.96 The cor. secs. 25, 26, 35 and 36, 340 ft. below ridge. Land, rolling and broken, with a general northerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood and yellow top.

No timber.

Fair grazing.

Subdivision of T. 23 S., R. 9 W.

Chains

- N.  $89^{\circ}50'$  W., on random line bet. secs. 26 and 35.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 81.44 Intersect the N. and S. line, 5 lks. N. of the cor. sec.  
26 and 35.
- Thence,
- S.  $89^{\circ}52'$  E., on true line bet. secs. 26 and 35.
- Over rolling land through scattered undergrowth.
- .60 Wash, 30 lks. wide, 8 ft. deep, drains NW.; ascend gradual  
W. slope.
- 41.44 On gradual W. slope, 40 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\begin{array}{r} S26 \\ \frac{1}{4} \text{---} \\ S35 \end{array}$$

1925
- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 48.70 Road, bears NE. and SW.
- 79.30 Spur, 180 ft. above the  $\frac{1}{4}$  sec. cor., projects NW.; descen  
gradual NE. slope.
- 81.44 The cor. secs. 25, 26, 35 and 36, 10 ft. below spur.
- Land, rolling, with a general northwesterly exposure  
and drainage.
- Soil, shallow sand, clay and rock; 3rd rate.
- Undergrowth, scattered shadscale, greasewood, sagebrush  
and yellow top.
- No timber.
- Fair grazing.
- 
- N.  $0^{\circ}04'$  W., bet. secs. 25 and 26.
- Over rolling land through scattered undergrowth.
- 4.00 Wash, 30 lks. wide, 4 ft. deep, drains N.  $60^{\circ}$  W.
- 16.00 Spur, 30 ft. high, projects NW.
- 19.10 Draw, 20 ft. deep, drains NW.
- 29.30 Spur, 30 ft. high, projects N.  $60^{\circ}$  W.
- 33.30 Road, bears NE. and SW.

## Subdivision of T. 23 S., R. 9 W.

## Chains

34.00 Draw, 30 ft. deep, drains W.; 2.00 chs. dist., thence N.

40.00 On rocky W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ S26 \mid S25 \\ 1925 \end{array}$$

Deposit a limestone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

52.40 Draw, 30 ft. deep, drains W.

56.20 Spur, 30 ft. high, projects W.

66.10 Road, bears E. and W.

67.20 Draw, 30 ft. deep, drains W.

70.70 Spur, 20 ft. high, projects N. 70° W.

80.00 At W. edge of draw which drains N.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 23, 24, 25 and 26, with brass cap marked.

$$\begin{array}{c} T23S \mid R9W \\ S23 \mid S24 \\ \hline S26 \mid S25 \\ 1925 \end{array}$$

From which,

A juniper, 8 ins. diam., bears N. 20°30' E., 47 lks. dist., marked T23S R9W S24 BT.

A juniper, 8 ins. diam., bears S. 66°45' E., 66 lks. dist., marked T23S R9W S25 BT.

No other suitable bearing trees available.

Land, rolling, with a general westerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood and yellow top.

Timber, a few scattered juniper on N. portion of mile.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

- S.  $89^{\circ}49'$  E., on random line bet. secs. 24 and 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.94 Intersect the E. bdy. of the township, 16 lks. N. of the cor. secs. 19, 24, 25 and 30, which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records of the survey T. 23 S., R. 8 W.
- Thence,
- N.  $89^{\circ}42'$  W., on true line bet. secs. 24 and 25.
- Ascend gradual E. slope of rolling land through scattered undergrowth.
- 4.60 Ascent becomes abrupt, bears N. and S.
- 11.40 The SE. point of spur, 270 ft. above cor.; descend abruptly over rocky SW. slope.
- 24.00 Ridge, 180 ft. below spur, bears NE. and SW.; descend gradual NW. slope.
- 33.80 Road, bears NW. and SE.
- 36.00 Road, bears N. and S.
- 39.97 On gradual N. slope, 80 ft. below ridge.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S24 \\ \frac{1}{4} \\ \hline S25 \end{array}$$

1925

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.

- 55.00 Enter scattered timber, bears N. and S.
- 79.40 Draw, 10 ft. deep, drains N.
- 79.94 The cor. secs. 23, 24, 25 and 26, 80 ft. below the  $\frac{1}{4}$  sec cor.

Land, broken and rolling, with a general northerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

Timber, scattered juniper on W. portion of mile.



## Subdivision of T. 23 S., R. 9 W.

## Chains

N. 89°52' W., on random line bet. secs. 23 and 26.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

81.49 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 23 and 26.

Thence,

S. 89°54' E., on true line bet. secs. 23 and 26.

Over rolling land through scattered undergrowth, and timber.

4.50 Gulch, 30 ft. deep, drains N.; leave timber, bears N. and S.

28.60 Road, bears N. and S.

41.49 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S23 \\ \frac{1}{4} \text{---} \\ S26 \end{array}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

48.50 Spur, 60 ft. high, projects N.; descend gradual E. slope.

58.00 Enter scattered timber, bears N. and S.

62.00 Road, bears N. and S.

75.50 Draw, 130 ft. below spur, drains N.; ascend gradual N. slope.

81.49 The cor. secs. 23, 24, 25 and 26, 40 ft. above draw.

Land, rolling, with a general northerly exposure and drainage.

Soil, shallow sand, clay and rock; 3rd rate.

Undergrowth, scattered sagebrush, geasewood, shadscale and yellow top.

Timber, scattered scrub juniper on portions of mile.

Fair grazing.

N. 0°04' W., on random line bet. secs. 23 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

81.22 Intersect the E. and W. line, 9 lks. E. of the cor. secs. 13, 14, 23 and 24, hereinafter described.

Thence,

Subdivision of T. 23 S., R. 9 W.

Chains

S. 0°08' E., on true line bet. secs. 23 and 24.

Over rolling land through scattered undergrowth.

41.22 On gentle NE. slope, 140 ft. above cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S23 | S24  
 1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

53.20 Ridge, 30 ft. high, bears N. 60° E. and S. 60° W.

56.00 Draw, 70 ft. below ridge, drains N. 70° W.

81.22 The cor. secs. 23, 24, 25 and 26, 50 ft. above draw.

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood and yellow top.

No timber.

Fair grazing.

From the  $\frac{1}{4}$  sec. cor. secs. 13 and 14, heretofore described South, bet. secs. 13 and 14.

Over rolling land through scattered undergrowth, and timber.

5.00 Top of 40 ft. descent from rolling top of bench, bears NE. and SW.

40.51 Intersect a line projected E. from the cor. secs. 14, 15, 22 and 23.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 13, 14, 23 and 24, with brass cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S14  | S13 |
| S23  | S24 |

1925

From which,

## T. 23 S., R. 9 W.

## Chains

A juniper, 12 ins. diam., bears N.  $20^{\circ} 30'$  E., 54 lks.  
dist., marked T23S R9W S13 BT.

A juniper, 8 ins. diam., bears S.  $84^{\circ}$  E., 150 lks.  
dist., marked T23S R9W S24 BT.

A juniper, 6 ins. diam., bears S.  $17^{\circ} 45'$  W., 160 lks.  
dist., marked T23S R9W S23 BT.

A juniper, 8 ins. diam., bears N.  $79^{\circ}$  W., 141 lks.  
dist., marked T23S R9W S14 BT.

Land, rolling, with a general northwesterly exposure and  
drainage.

Soil, shallow, clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood,  
and yellow top.

Timber, scattered scrub juniper and pinon.

Fair grazing.

From the cor. secs. 14, 15, 22 and 23.

East, on random line bet. secs. 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

81.47 Intersect line projected S., 40.51 chs. dist. from the  
 $\frac{1}{4}$  sec. cor. secs. 13 and 14; the cor. secs. 13, 14,  
23 and 24 established at this point.

Thence,

West, on true line bet. secs. 14 and 23.

Over rolling land through scattered undergrowth and  
timber.

36.30 Wash, 30 lks. wide, 3 ft. deep, drains N.  $20^{\circ}$  E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 23 only, with brass cap  
marked.

$\frac{1}{4}$  S23

1925

From which,

A juniper, 5 ins. diam., bears S.  $78^{\circ}$  E., 34 lks.

dist., marked  $\frac{1}{4}$  S23 BT.

## Subdivision of T. 23 S., R. 9 W.

Chains

angle 30

A juniper, 5 ins. diam., bears S.  $29^{\circ}30'$  W., 77 lks.  
dist., marked  $\frac{1}{4}$  S23 BT.

40.735 Mid point bet. the cor. secs. 13, 14, 23 and 24, and cor.  
secs. 14, 15, 22 and 23.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 14 only, with brass cap  
marked.

 $\frac{1}{4}$  S14

1925

From which,

A juniper, 5 ins. diam., bears N.  $37^{\circ}30'$  E., 101 lks.  
dist., marked  $\frac{1}{4}$  S14 BT.

A juniper, 6 ins. diam., bears N.  $11^{\circ}$  W., 38 lks.  
dist., marked  $\frac{1}{4}$  S14 BT.

52.00 Wash, 40 lks. wide, 6 ft. deep, drains N.

55.00 Leave timber, bears NW. and SE.

72.30 Wash, 30 lks. wide, 4 ft. deep, drains N.  $60^{\circ}$  E. Road,  
in bottom of wash, bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.

81.47 The cor. secs. 14, 15, 22 and 23.

Land, rolling, with a general northerly exposure and  
drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, greasewood and sagebrush.

Timber, scattered scrub juniper on E. portion of mile.

Fair grazing.

From the cor. secs. 13, 14, 23 and 24.

East, on random line bet. secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

50.12 Intersect the E. bdy. of the township, 1.71 chs. N.  $0^{\circ}03'$   
from the original cor. secs. 13, 18, 19 and 24, which  
is an iron post, 3 ins. diam., set, marked and witness  
as described in the official records of the survey  
T. 23 S., R. 9 W. I efface the mark on cor. and bearing  
trees that pertain to secs. 13 and 24. At point of  
intersection.

## Subdivision of T. 23 S., R. 9 W.

## Chains

ground to bedrock and in a large mound of stone, for closing cor. secs. 13 and 24, with brass cap marked.

|   |      |      |
|---|------|------|
|   | T23S | T23S |
| C | E13  |      |
|   |      | R8W  |
| C | S24  |      |
|   | R9W  | S18  |

1925

Deposit a trachyte, 10 x 6 x 4 ins., at base of post, marked with a cross (X).

Thence,

West, on true line bet. secs. 13 and 24.

Over rolling land through scattered undergrowth.

4.00 Base of gradual descent, bears N. and SW.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

S13  
S24

1925

From which,

A juniper, 5 ins. diam., bears N. 54° E., 214 lks. dist., marked S13 BT.

A juniper, 7 ins. diam., bears S. 50° W., 760 lks. dist., marked S24 BT.

Thence, through scattered timber, bears NE. and SW.

80.12 The cor. secs. 13, 14, 17 and 24, 200 ft. below closing cor.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

Timber, scattered scrub juniper on W. portion of mile.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

From the cor. secs. 2, 3, 34 and 35, on the N. bdy. of the township, heretofore described.

S.  $0^{\circ}04'$  E., bet. secs. 2 and 3.

Over level land through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |    |
|---------------|----|
| $\frac{1}{4}$ |    |
| S3            | S2 |
| 1925          |    |

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

67.30 Enter scattered timber, bears E. and W.

80.00 At the S. edge of timber.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 10 and 11, with brass cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S3   | S2  |
| S10  | S11 |
| 1925 |     |

From which,

A juniper, 3 ins. diam., bears N.  $3^{\circ}$  E., 59 lks. dist., marked BT.

A juniper, 4 ins. diam., bears S.  $37^{\circ}30'$  E., 314 lks. dist., marked T23S R9W S11 BT.

A juniper, 6 ins. diam., bears S.  $50^{\circ}15'$  W., 241 lks. dist., marked T23S R9W S10 BT.

A juniper, 4 ins. diam., bears N.  $43^{\circ}$  W., 159 lks. dist., marked T23S R9W S3 BT.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, deep, heavy dark clay; 3rd rate.

Undergrowth, scattered shadscale, greasewood, sagebrush and yellow top.

Timber, scattered scrub juniper on S. portion of mile.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

East, on random line bet. secs. 2 and 11.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.70 Intersect the E. bdy. of the township, 2 lks. N. of the cor. secs. 2 and 11, heretofore described.

Thence,

N.  $89^{\circ}59'$  W., on true line bet. secs. 2 and 11.

Over rolling land through scattered undergrowth.

39.85 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S2 \ / \\ \frac{1}{4} \text{ --- } \\ S11 \end{array}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

63.90 Road, bears N.  $17^{\circ}43'$  E. and S.  $17^{\circ}43'$  W.

64.40 The main line of the Los Angeles and Salt Lake Railroad, bears N.  $17^{\circ}43'$  E. and S.  $17^{\circ}43'$  W.

64.80 Telegraph line, bears N.  $17^{\circ}43'$  E. and S.  $17^{\circ}43'$  W.

79.70 The cor. secs. 2, 3, 10 and 11.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow, clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

No timber.

Fair grazing.

S.  $0^{\circ}04'$  E., on random line bet. secs. 10 and 11.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Set temp. cor. secs. 10 and 15.

82.95 Intersect the N. bdy. secs. 14, 9 lks. E. of the cor. secs. 11 and 14.

Thence, from the cor. secs. 2, 3, 10 and 11.

South, on true line bet. secs. 10 and 11.

Over rolling land through scattered undergrowth.

35.67 Telegraph line, bears N.  $35^{\circ}07'$  E. and S.  $35^{\circ}07'$  W.

## Subdivision of T. 23 S., R. 8 W.

## Chains

- 36.47 Main line of the Los Angeles and Salt Lake Railroad,  
bears N.  $35^{\circ}07'$  E. and S.  $35^{\circ}07'$  W. 30.00  
37.20 Road, bears N.  $35^{\circ}07'$  E. and S.  $35^{\circ}07'$  W. 07.87  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   

|      |     |
|------|-----|
| S10  | S11 |
| 1925 |     |

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
52.90 Road, bears E. and W.  
78.60 Top of gradual descent, bears E. and W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the  
ground, for cor. secs. 10 and 15 only, with brass cap  
marked.

|            |     |
|------------|-----|
| T23S       | S11 |
| S10        |     |
| S15<br>R9W |     |
| 1925       |     |

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
80.95 The cor. secs. 11 and 14, heretofore described.  
Land, rolling, with a general easterly exposure and  
drainage.  
Soil, shallow sand, clay and rock; 3rd rate.  
Undergrowth, scattered shadscale, sagebrush, greasewood  
and yellow top.  
No timber.  
Fair grazing.

From the cor. secs. 3, 4, 33 and 34, on the N. bdy. of the  
township, heretofore described.

E.  $0^{\circ}04'$  E., bet. secs. 3 and 4.

Descend gradually over rolling land through scattered  
undergrowth.

15.00 Wash, 40 lks. wide, 5 ft. deep, drains NE.

34.60 The E. point of spur, 50 ft. high.



## Subdivision of T. 23 S., R. 9 W.

## Chains

36.10 Wash, 40 lks. wide, 4 ft. deep, drains E.; enter scattered timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S4 | S3  
1925

From which,

A juniper, 4 ins. diam., bears S.  $36^{\circ}15'$  E., 443 lks. dist., marked  $\frac{1}{4}$  S3 BT.

A juniper, 4 ins. diam., bears N.  $43^{\circ}$  W., 236 lks. dist., marked  $\frac{1}{4}$  S4 BT.

44.10 Road, bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.

69.20 Road, bears E. and W.

76.50 Wash, 20 lks. wide, 3 ft. deep, drains E.

80.00 On sandy E. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 3, 4, 9 and 10, with brass cap marked.

T23S | R9W  
S4 | S3  
S9 | S10  
1925

From which,

A juniper, 7 ins. diam., bears N.  $28^{\circ}$  E., 20 lks. dist., marked T23S R9W S3 BT.

A juniper, 8 ins. diam., bears S.  $1^{\circ}$  E., 175 lks. dist., marked T23S R9W S10 BT.

A juniper, 10 ins. diam., bears S.  $75^{\circ}30'$  W., 68 lks. dist., marked T23S R9W S9 BT.

A juniper, 8 ins. diam., bears N.  $50^{\circ}30'$  W., 15 lks. dist., marked T23S R9W S4 BT.

Land, rolling, with a general easterly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale and greasewood.

Timber, scattered juniper on S. portion of mile.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

East, on random line bet. secs. 3 and 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect the N. and S. line, 7 lks. N. of the cor. secs.  
2, 3, 10 and 11.

Thence,

N.  $89^{\circ}57'$  W., on true line bet. secs. 3 and 10.

Over rolling land through scattered undergrowth, and timber.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S3 \\ \frac{1}{4} \\ \hline S10 \\ 1925 \end{array}$$

From which,

A juniper, 7 ins. diam., bears S.  $47^{\circ}15'$  W., 330 lks.  
dist., marked  $\frac{1}{4}$  S10 BT.

A juniper, 6 ins. diam., bears N.  $11^{\circ}$  W., 217 lks..  
dist., marked  $\frac{1}{4}$  S3 BT.

52.20 Road, bears NW. and SE.

80.02 The cor. secs. 3, 4, 9 and 10.

Land, rolling, with a general easterly exposure and  
drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood  
and yellow top.

Timber, scattered scrub juniper.

Fair grazing.

S.  $0^{\circ}04'$  E., bet. secs. 9 and 10.

Over rolling land through scattered undergrowth and  
timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} \frac{1}{4} \\ S9 \mid S10 \\ 1925 \end{array}$$

## Subdivision of T. 23 S., R. 9 W.

## Chains

From which,

A juniper, 4 ins. diam., bears N.  $43^{\circ}45'$  W., 233 lks.  
dist., marked  $\frac{1}{4}$  S9 BT.

No other bearing tree available.

62.90 Top of gradual descent, bears E. and W.; leave timber,  
bears E. and W.

67.80 Base of descent, 70 ft. below top, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 9, 10, 15 and 16, with brass  
cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S9   | S10 |
| S16  | S15 |
| 1925 |     |

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling with a general easterly exposure and  
drainage.

Soil, shallow and deep clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood  
and yellow top.

Timber, scattered scrub juniper on N. portion of mile.

Fair grazing.

S.  $89^{\circ}57'$  E., on random line bet. secs. 10 and 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect the W. bdy. sec. 11, 2 lks. N. of the cor. secs.  
10 and 15.

Thence,

N.  $89^{\circ}56'$  W., on true line bet. secs. 10 and 15.

Over rolling land through scattered undergrowth.

29.40 Road, bears N.  $35^{\circ}07'$  E. and S.  $35^{\circ}07'$  W.

30.20 Main line of the Los Angeles and Salt Lake Railroad,  
bears N.  $35^{\circ}07'$  E. and S.  $35^{\circ}07'$  W.

31.00 Telegraph line, bears N.  $35^{\circ}07'$  E. and S.  $35^{\circ}07'$  W.

39.00 Wash, 20 lks. wide, 2 ft. deep, drains S.  $60^{\circ}$  E.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Subdivision of T. 23 S., R. 9 W.

Chains

ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  S10 ✓  
S15

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

55.00 Wash, 30 lks. wide, 4 ft. deep, drains S. 60° E.

61.70 Wash, 30 lks. wide, 2 ft. deep, drains S.

79.92 The cor. secs. 9, 10, 15 and 16.

Land, rolling, with a general southeasterly exposure  
and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood  
and yellow top.

No timber.

Fair grazing.

S. 0°04' E., bet. secs. 15 and 16.

Over rolling land through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S16 | S15

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

55.00 Wash, 30 lks. wide, 4 ft. deep, drains SE.

69.80 Telegraph line, bears N. 35°07' E. and S. 35°07' W.

70.60 Main line of the Los Angeles And Salt Lake Railroad, bears  
N. 35°07' E. and S. 35°07' W.

73.20 Road, bears N. 35°07' E. and S. 35°07' W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 16 and 21 only, with brass  
cap marked.

T23S  
S16 | S15 ✓  
S21  
R9W

1925

Subdivision of T. 23 S., R. 9 W.

Chains

83.30 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Intersect the N. bdy. of sec. 22, N.  $89^{\circ}48'$  E., 1.37 chs.  
dist. from the NW. cor. sec. 22, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for closing cor. secs. 15 and 21, with brass  
cap marked.

|      |     |
|------|-----|
| C    | C   |
| T23S | R9W |
| S21  | S15 |

S22

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
Land, rolling, with a general easterly exposure and  
drainage.

Soil, shallow sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood  
and yellow top.

No timber.

Fair grazing.

From the cor. of secs. 4, 5, 32 and 33, on the N. bdy.  
of the township, heretofore described.

S.  $0^{\circ}05'$  E., bet. secs. 4 and 5.

Over broken land through scattered undergrowth.

2.80 Draw, 60 ft. below cor., drains W.; ascend abrupt broken  
N. slope.

9.90 Road, bears E. and W.

26.60 Ridge, 270 ft. above draw, bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.;  
descend abrupt S. slope over ledges.

40.00 On abrupt S. slope, 420 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground to bedrock and in a large mound of stone, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |
|---------------|
| $\frac{1}{4}$ |
| S5   S4       |

1925

Subdivision of T. 23 S., R. 9 W.

Chains

From which,

A juniper, 5 ins. diam., bears S. 68° E., 480 lks..  
dist., marked  $\frac{1}{4}$  S4 BT.

A juniper, 6 ins. diam., bears N. 85°45' W., 198 lks..  
dist., marked  $\frac{1}{4}$  S5 BT.

46.80 Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, 80 ft.  
below cor., drains E.; ascend abrupt N. slope over  
ledges.

47.00 Road, bears E. and W.

69.30 Rocky ridge, 600 ft. above draw, bears E. and W.; descend  
abrupt S. slope.

80.00 On rocky point of spur, 140 ft. below ridge, projects SW.  
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the  
ground, to bedrock and in a large mound of stone, for  
cor. secs. 4, 5, 8 and 9, with brass cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S5   | S4  |
| S8   | S9  |

1925

Deposit a lava stone, 10 x 8 x 4 ins., at base of post,  
marked with a cross (X).

Land, broken, with a general easterly exposure and  
drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, greasewood, sagebrush  
and yellow top.

Timber, a few scattered scrub juniper.

Fair grazing.

East, on random line bet. secs. 4 and 9.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

79.96 Intersect the N. and S. line, 5 lks. S. of the cor. secs.  
3, 4, 9 and 10.

Thence,

S. 89°58' W., on true line bet. secs. 4 and 9.

Over rolling land through scattered undergrowth and timber

## Subdivision of T. 23 S., R. 9 W.

## Chains

- 11.30 Wash, 30 lks. wide, 3 ft. deep, drains N. 80° E.
- 20.00 Leave timber, bears N. and S.
- 30.50 Road, bears NE. and SW.
- 36.50 Road, bears N. and S.
- 39.00 Base of abrupt ascent over E. slope, bears N. and S.
- 39.98 On abrupt E. slope, 100 ft. above sec. cor.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\begin{array}{r} S4 \\ \frac{1}{4} \\ \hline S9 \end{array}$$

1925
- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 78.60 The SW. point of rocky spur, 660 ft. above the  $\frac{1}{4}$  sec. cor.,  
descend abrupt W. slope.
- 79.96 The cor. secs. 4, 5, 8 and 9, 40 ft. below point.  
Land, rolling and broken with a general southeasterly  
exposure and drainage.  
Soil, shallow sand, clay and rock; 3rd rate.  
Undergrowth, scattered sagebrush, shadscale, greasewood  
and yellow top.  
Timber, scattered scrub juniper on E. portion of mile.  
Fair grazing.
- 
- S. 0°05' E., bet. secs. 8 and 9.  
Descend abrupt S. slope of broken land through scattered  
undergrowth.
- 18.50 Wash, 30 lks. wide, 3 ft. deep, in draw, 340 ft. below  
cor., drains E.; ascend gradual N. slope.
- 25.30 Spur, 30 ft. above draw, projects S. 60° E.; descend  
gradually over broken S. slope.
- 40.00 On broken S. slope, 180 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground to bedrock and in a large mound of stone, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked.

## Subdivision of T. 23 S., R. 9 W.

Chains

 $\frac{1}{4}$  ✓  
 S8 | S9

1925

Deposit a limestone, 8 x 8 x 6 ins., at base of post,  
marked with a cross (X).

52.00 Road, bears NE. and SW.

65.00 Wash, 40 lks. wide, 6 ft. deep, drains SE.

80.00 On rolling SE. slope, 80 ft. below the  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 8, 9, 16 and 17, with brass  
cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S8   | S9  |
| S17  | S16 |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
land, broken and rolling, with a general southeasterly  
exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood  
and yellow top.

No timber.

Fair grazing.

N. 89°58' E., on random line bet. secs. 9 and 16.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect the N. and S. line, 5 lks. S. of the cor. secs.  
9, 10, 15 and 16.

Thence,

S. 89°56' W., on true line bet. secs. 9 and 16.

Over rolling land through scattered undergrowth.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

 $\frac{1}{4}$  S9 ✓  
 S16

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.



## Subdivision of T. 23 S., R. 9 W.

## Chains

- 45.00 Wash, 40 lks. wide, 4 ft. deep, drains S.  
 68.80 Wash, 30 lks. wide, 3 ft. deep, drains S.  
 76.00 Base of 30 ft. ascent, bears N. 60° E and S. 60° W.  
 77.00 Top of ascent, bears N. 60° E. and S. 60° W.  
 80.02 The cor. secs. 8, 9, 16 and 17.

Land, rolling, with a general southerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, greasewood, sagebrush and yellow top.

No timber.

Fair grazing.

S. 0°05' E., bet. secs. 16 and 17.

Over rolling land through scattered undergrowth.

- 28.10 Draw, 60 ft. below cor., drains S. 60° E.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S17 | S16  
 1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 65.30 Old road, bears NW. and SE.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 16, 17, 20 and 21, with brass cap marked.

T23S | R9W  
 S17 | S16  
 S20 | S21

1925

Deposit a sandstone, 12 x 4 x 4 ins., at base of post, marked with a cross (X).

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Subdivision of T. 23 S., R. 9 W.

Chains

Undergrowth, scattered sagebrush, shadscale, greasewood and yellow top.

No timber.

Fair grazing.

N. 89°56' E., on random line bet. secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.16 Intersect the N. and S. line, 14 lks. S. of the cor. secs. 16 and 21.

Thence,

S. 89°50' W., on true line bet. secs. 16 and 21.

Over rolling land through scattered undergrowth.

5.30 Road, bears N. 35°07' E. and S. 35°07' W.

6.56 Side track from the main line of the Los Angeles And Salt Lake Railroad, bears N. 35°07' E. and S. 35°07' W.

6.83 Main line of the Los Angeles And Salt Lake Railroad, bears N. 35°07' E. and S. 35°07' W. From this point, the NE. cor. of house at Gravel Pit Station, bears S. 41° W., 4.67 chs. dist.

7.66 Telegraph line, bears N. 35°07' E. and S. 35°07' W.

24.00 Swale, 20 ft. deep, drains SE.

40.08 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S16}{S21}$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor

80.16 The cor. secs. 16, 17, 20 and 21.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

No timber.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

S.  $0^{\circ}05'$  E., bet. secs. 20 and 21.

Over rolling land through scattered undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|      |               |     |
|------|---------------|-----|
|      | $\frac{1}{4}$ |     |
| S20  |               | S21 |
| 1925 |               |     |

Deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

- 49.10 Road, bears NW. and SE.

- 70.60 Telegraph line, bears N.  $53^{\circ}48'$  E. and S.  $53^{\circ}48'$  W.

- 71.40 Main line of the Salt Lake and Los Angeles Railroad, bears N.  $53^{\circ}48'$  E. and S.  $53^{\circ}48'$  W.

- 72.60 Road, bears NE. and SW.

- 83.03 Intersect the N. bdy. sec. 28, S.  $89^{\circ}50'$  E., 1.92 chs. dist. from the cor. secs. 28 and 29, heretofore described. At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 20 and 21, with brass cap marked.

|      |   |       |
|------|---|-------|
|      | C | C     |
| T23S |   | R9W ✓ |
| S20  |   | S21   |

S28

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood and yellow top.

No timber.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

From the cor. secs. 5, 6, 31 and 32, on the N. bdy. of the township, heretofore described.

S.  $0^{\circ}06'$  E., bet. secs. 5 and 6.

Over rolling land through scattered undergrowth.

7.50 Road, bears NE. and SW.

14.20 Wash, 20 lks. wide, 2 ft. deep, drains SE.

40.00 On gentle SE. slope, 30 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S6 | S5

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

43.80 Road, bears S.  $60^{\circ}$  E. and N.  $60^{\circ}$  W.

50.00 Large wash, 60 lks. wide, 6 ft. deep, drains S.  $30^{\circ}$  W.

70.00 Base of abrupt ascent over NW. slope, bears E. and W.

78.30 Rocky spur, 210 ft. above the  $\frac{1}{4}$  sec. cor., projects W.; descend abrupt SW. slope.

80.00 On broken SW. slope, 30 ft. below spur; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. secs. 5, 6, 7 and 8, with brass cap marked.

T23S | R9W ✓  
 S6 | S5  
 ---  
 S7 | S8

1925

Land, broken and rolling, with a general southeasterly and northwesterly exposure and drainage.

Soil, shallow sand, rock and clay; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

No timber.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

East, on random line bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect the N. and S. line, 12 lks. N. of the cor.  
secs. 4, 5, 8 and 9.

Thence,

N.  $89^{\circ}55'$  W., on true line bet. secs. 5 and 8.

Over broken land through scattered undergrowth; descend  
abrupt W. slope.

6.00 Gulch, 250 ft. below cor., drains S.; ascend abrupt E.  
slope.

11.10 Spur, 250 ft. above gulch, projects S.; descend abrupt  
W. slope.

21.00 Ravine, 120 ft. below spur, drains S.; ascend gradual E.  
slope.

30.70 Spur, 70 ft. above ravine, projects S.; descend gradual  
W. slope.

33.30 Ravine, 70 ft. below spur, drains S.; ascend gradual E.  
slope.

36.80 Spur, 50 ft. above ravine, projects S.; descend gradual  
W. slope.

39.00 Wash, 40 lks. wide, 6 ft. deep, drains S.

40.00 On top of spur, 20 ft. below last spur, projects S.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S5}{S8}$  ✓

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

41.40 Swale, 20 ft. below spur, drains S.; ascend abrupt SE.  
slope.

55.30 High point on ridge, 270 ft. above swale, bears N.  $60^{\circ}$  E.  
and S.  $60^{\circ}$  W.; descend abrupt SW. slope.

80.00 The cor. secs. 5, 6, 7 and 8, 270 ft. below ridge.

Land, broken, with a general southerly exposure and  
drainage.

Subdivision of T. 23 S., R. 9 W.

Chains

Soil, shallow loose sand, rock and clay; 3rd rate.  
Undergrowth, scattered shadscale; sagebrush, greasewood  
and yellow top.  
No timber.  
Fair grazing.

West, on true line bet. secs. 6 and 7.

Descend abruptly over irregular top of spur through  
scattered undergrowth.

17.00 Wash, 50 lks. wide, 8 ft. deep, 310 ft. below cor.,  
drains S.; thence over rolling land.

29.10 Road, bears N. and S.

40.00 On gradual SE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

|               |       |   |
|---------------|-------|---|
|               | S6    | / |
| $\frac{1}{4}$ | <hr/> |   |
|               | S7    |   |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

59.10 Road, bears NE. and SW.

73.70 Road, bears NW. and SE.

82.55 Intersect the W. bdy. of the township, North, 4.44 chs.

dist. from the cor. secs. 1 and 12, heretofore describe

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for closing cor. secs. 6 and 7, with brass  
cap marked.

|      |       |   |
|------|-------|---|
| T23S | T23S  | / |
|      | S6    | C |
| R10W | <hr/> |   |
|      | S7    | C |
| S1   | R9W   |   |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
Land, rolling and broken, with a general westerly and  
southerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

## Subdivision of T. 23 S., R. 9 W.

## Chains

Undergrowth, scattered sagebrush, shadscale, greasewood  
and yellow top.

No timber.

Fair grazing.

From the cor. secs. 5, 6, 7 and 8.

S. 0°06' E., bet. secs. 7 and 8.

Descend abrupt S. slope of broken land through scattered  
undergrowth.

16.30 Draw, 110 ft. below cor., drains W.; ascend gradual NW.  
slope.

20.00 Spur, 40 ft. above draw, projects S. 30° W.; descend  
gradual SE. slope.

30.00 Base of hills, bears NE. and SW.

40.00 On rolling S. slope, 80 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for sec. cor., with brass cap marked.

17 | S8

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

49.00 Draw, 20 ft. deep, drains SW.

54.00 Same draw as last, drains SE.

72.50 Same draw as last, drains SW.

80.00 On gentle S. slope, 120 ft. below the  $\frac{1}{2}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 7, 8, 17 and 18, with brass  
cap marked.

T23S | R9W

S7 | S8

S18 | S17

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling and broken with a general southerly exposure  
and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

## Subdivision of T. 23 S., R. 9 W.

## Chains

Undergrowth, scattered shadscale, sagebrush, greasewood and yellow top.

No timber.

Fair grazing.

S.  $89^{\circ}55'$  E., on random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 8, 9, 16 and 17.

Thence,

N.  $89^{\circ}53'$  W., on true line bet. secs. 8 and 17.

Over rolling land through scattered undergrowth.

12.10 Road, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E..

40.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S8 \\ \frac{1}{4} \\ \hline S17 \end{array}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

47.40 Draw, 20 ft. deep, drains S.

60.40 Road, bears NE. and SW.

75.50 Draw, 20 ft. deep, drains S.

80.02 The cor. secs. 7, 8, 17 and 18.

Land, rolling, with a general southerly southerly exposure and drainage.

Soil, shallow clay sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

No timber.

Fair grazing.

West, on true line bet. secs. 7 and 18.

Over rolling land through scattered undergrowth.

2.50 Wash, 10 lks. wide, 2 ft. deep, drains S.

8.20 Wash, 5.00 chs. wide, 15 ft. deep, drains SE.



## Subdivision of T. 23 S., R. 9 W.

## Chains

16.80 Forks of road, bears N. and NW.; from the SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S7 \\ \frac{1}{4} \\ \hline S18 \end{array}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

45.00 Wash, 4.90 chs. wide, 15 ft. deep, drains S. 15° E.

71.90 Wash, 25 lks. wide, 5 ft. deep, drains S. 30° E.

82.79 Intersect the W. bdy. of the township, 4.32 chs. North of the cor. secs. 12 and 13, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 7 and 18, with brass cap marked.

|      |      |
|------|------|
| T23S | T23S |
|      | S7   |
| R10W | S18  |
| S12  | R9W  |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
Land, rolling, with a general southerly exposure and drainage.

Soil, deep clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood and yellow top.

No timber.

Fair grazing.

From the cor. secs. 7, 8, 17 and 18.

S. 0°06' E., bet. secs. 17 and 18.

Over rolling land through scattered undergrowth.

11.50 Road, bears NE. and SW.

13.60 Large wash, 400 lks. wide, 5 ft. deep, drains E.

20.00 Road, bears N. 75° W. and S. 75° E.

24.00 Ridge, 30 ft. high, bears N. 70° W. and S. 70° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Subdivision of T. 23 S., R. 9 W.

Chains

ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S18 | S17  
 1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

57.60 Draw, 20 ft. deep, drains SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 17, 18, 19 and 20, with brass cap marked.

|      |     |
|------|-----|
| T23S | R9W |
| S18  | S17 |
| S19  | S20 |

 1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling, with a general southerly exposure and drainage.

Soil, deep clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, greasewood and yellow top.

No timber.

Fair grazing.

S.  $89^{\circ}53'$  E., on random line bet. secs. 17 and 20.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.12 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 16, 17, 20 and 21.

Thence,

N.  $89^{\circ}54'$  W., on true line bet. secs. 17 and 20.

Over rolling land through scattered undergrowth.

7.50 Large wash, 50 lks. wide, 5 ft. deep, drains SE.

11.40 Road, bears N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W.

33.00 Rolling top of ridge, 40 ft. high, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S17  
 $\frac{1}{4}$  sec

## . Subdivision of T. 23 S., R. 9 W.

## Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

49.60 Draw, 20 ft. deep, drains S.

59.80 Wash, 20 lks. wide, 2 ft. deep, drains S.

80.12 The cor. secs. 17, 18, 19 and 20.

Land, rolling, with a general southerly exposure and drainage:

Soil, deep clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale and greasewood.

No timber.

Fair grazing.

West, on true line bet. secs. 18 and 19.

Over rolling land through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

S18  
 $\frac{1}{4}$  S19

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

52.20 Draw, 20 ft. deep, drains SE.

56.50 Wash, 10 lks. wide, 3 ft. deep, drains S. 60° E.

82.90 Intersect the W. bdy. of the township, North, 4.52 chs.

dist. from the cor. secs. 13 and 24, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 18 and 19, with brass cap marked.

|      |       |
|------|-------|
| T23S | T23S  |
|      | S18 C |
| R10W |       |
|      | S19 C |
| S13  | R9W   |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling, with a general southerly exposure and drainage.

Soil, deep clay, sand and rock; 3rd rate.

## Subdivision of T. 23 S., R. 9 W.

## Chains

Undergrowth, scattered shadscale, greasewood, sagebrush  
and yellow top.

No timber.

Fair grazing.

From the cor. secs. 17, 18, 19 and 20.

S. 0°06' E., bet. secs. 19 and 20.

Over rolling land through scattered undergrowth.

9.50 Swale, 20 ft. deep, drains S. 60° E.

32.00 Spur, 30 ft. high, projects S. 75° E.

40.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  ✓  
S19 | S20  
1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

54.40 Road, bears S. 60° E. and S. 60° W.

66.00 Swale, 30 ft. deep, drains S. 70° E.

76.40 Large wash, 50 lks. wide, 10 ft. deep, drains E.

83.30 Intersect the N. bdy. of sec. 20, East, 3.31 chs. dist.  
from the cor. secs. 29 and 30, hereinafter described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the  
ground, for closing cor. secs. 19 and 20, with brass  
cap marked.

C | C  
T23S | R9W ✓  
S19 | S20  
S29

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, rolling with a general southeasterly exposure and  
drainage.

Soil, deep clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, greasewood and sagebrush

No timber.

Fair grazing.

## Subdivision of T. 23 S., R. 9 W.

## Chains

From the  $\frac{1}{4}$  sec. cor. sec. 29, W. bdy. heretofore described.  
North, on random line, bet. secs. 29 and 30.

40.43 At the intersection with a line projected W. from the  
cor. of secs. 28 and 29.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. secs. 29 and 30 only, with brass  
cap marked.

S19

|      |     |
|------|-----|
| S30  | S29 |
| T23S | R9W |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.  
Thence,

South, on true line bet. secs. 29 and 30.

Over rolling land through scattered undergrowth.

20.40 Wash, 30 lks. wide, 15 ft. deep, drains S. 60° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 30 only, with brass cap  
marked.

 $\frac{1}{4}$  S30

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

40.43 The  $\frac{1}{4}$  sec. cor. sec. 29 only.

Land, rolling, with a general southeasterly exposure and  
drainage.

Soil, deep sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood  
and yellow top.

No timber.

Fair grazing.

From the cor. secs. 28 and 29, heretofore described.

West, on random line along the N. bdy. sec. 29.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

81.49 The cor. secs. 29 and 30.

Thence,

From the cor. secs. 28 and 29.

## Subdivision of T. 23 S., R. 9 W.

## Chains

West, on true line along the N. bdy. sec. 29.

Over rolling land through scattered undergrowth.

12.90 Road, bears N.  $53^{\circ}48'$  E. and S.  $53^{\circ}48'$  W.

14.20 Main line of the Los Angeles and Salt Lake Railroad,  
bears N.  $53^{\circ}48'$  E. and S.  $53^{\circ}48'$  W.

15.00 Telegraph line, bears N.  $53^{\circ}48'$  E. and S.  $53^{\circ}48'$  W.

34.00 Wash, 30 lks. wide, 3 ft. deep, drains S.

38.13 Mid point bet. the closing cor. secs. 20 and 21, and the  
closing cor. secs. 19 and 20.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 20 only, with brass cap  
marked.

$\frac{1}{4}$  S20'

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

40.745 Mid point bet. the cor. secs. 28 and 29 and 29 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 29 only, with brass cap  
marked.

$\frac{1}{4}$  S29'

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

52.80 Road, bears NW. and SE.

65.20 Wash, 30 lks. wide, 5 ft. deep, drains S.  $20^{\circ}$  E.

78.18 The closing cor. secs. 19 and 20, heretofore described.

81.49 The cor. secs. 29 and 30.

Land, rolling, with a general southeasterly exposure and  
drainage.

Soil, deep clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, greasewood  
and yellow top.

No timber.

Fair grazing.

## Subdivision, T. 23 S., R. 9 W.

## Chains

From the cor. secs. 29 and 30.

West, on true line, along the E. bdy. sec. 30.

Over rolling land through scattered undergrowth.

7.00 Low hill, 30 ft. high, bears N. and S.

10.30 Wash, 30 lks. wide, 6 ft. deep, drains S.

36.62 Westing of 40.00 chs. from the closing cor. secs. 19 and 20.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor. sec. 19 only, with brass cap marked.

S19

1925

Raise a mound of stone, 3 ft. base, 1 ft. high, N. of cor.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor. sec. 30 only, with brass cap marked.

S30

1925

Raise a mound of stone, 3 ft. base, 1 ft. high, S. of cor.

79.62 Intersect the W. bdy. of the township, 1.75 chs. North of the cor. secs. 24 and 25, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 17 ins. in the ground, for closing cor. secs. 19 and 30, with brass cap marked.

|      |       |
|------|-------|
| T23S | T23E  |
| K10W | S19 C |
| S24  | S30 C |
|      | R9W   |

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling, with a general southerly exposure and drainage.

Soil, deep clay, sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, greasewood, shadscale and yellow top.

No timber.

Fair grazing.

Closing Error, T. 23 S., R. 9 W.

| Lines designated.                   | True bearings. | Dist-<br>ances.<br>Chs. | Latitudes. |            | Departures. |            |
|-------------------------------------|----------------|-------------------------|------------|------------|-------------|------------|
|                                     |                |                         | N.<br>Chs. | S.<br>Chs. | E.<br>Chs.  | W.<br>Chs. |
| W. Bdy. T23S R9W                    | South          | 404.26                  | .....      | 404.26     | .....       | .....      |
| S. Bdy. Sec. 30                     | N.89°19'E.     | 79.68                   | .95        | .....      | 79.68       | .....      |
| S. Bdy. Sec. 29                     | N.89°47'E.     | 40.04                   | .15        | .....      | 40.04       | .....      |
|                                     | N.89°58'E.     | 40.385                  | .02        | .....      | 40.385      | .....      |
| E. Bdy. Sec. 29                     | N.0°15'E.      | 40.31                   | 40.31      | .....      | .18         | .....      |
|                                     | N.1°00'E.      | 40.01                   | 40.00      | .....      | .70         | .....      |
| N. Bdy. Sec. 28                     | S.89°50'E.     | 79.82                   | .....      | .23        | 79.82       | .....      |
| W. Bdy. Sec. 22                     | N.0°31'E.      | 80.00                   | 80.00      | .....      | .72         | .....      |
| N. Bdy. Sec. 22                     | N.89°48'E.     | 79.74                   | .28        | .....      | 79.74       | .....      |
| E. Bdy. Sec. 22                     | S.0°14'E.      | 40.16                   | .....      | 40.16      | .16         | .....      |
|                                     | S.0°09'E.      | 40.19                   | .....      | 40.19      | .11         | .....      |
| E. Bdy. Sec. 27                     | S.0°02'E.      | 40.01                   | .....      | 40.01      | .02         | .....      |
|                                     | S.0°15'E.      | 40.23                   | .....      | 40.23      | .18         | .....      |
| E. Bdy. Sec. 34                     | S.0°17'E.      | 80.47                   | .....      | 80.47      | .40         | .....      |
| S. Bdy. T23S R9W                    | S.89°50'E.     | 161.28                  | .....      | .47        | 161.28      | .....      |
| E. Bdy. T23S R9W                    | N.0°03'W.      | 323.27                  | 323.27     | .....      | .....       | .28        |
| N. Bdy. Sec. 13                     | S.89°12'W.     | 80.00                   | .....      | 1.12       | .....       | 80.00      |
| E. Bdy. Sec. 11                     | N.0°15'W.      | 80.00                   | 80.00      | .....      | .....       | .35        |
| E. Bdy. Sec. 2                      | N.0°09'E.      | 82.54                   | 82.54      | .....      | .22         | .....      |
| N. Bdy. T23S R9W                    | West           | 402.37                  | .....      | .....      | .....       | 402.37     |
| Convergency                         |                |                         | .....      | .....      | .....       | .45        |
|                                     |                |                         | 647.52     | 647.14     | 483.67      | 483.44     |
|                                     |                |                         | 647.14     |            | 483.44      |            |
| Errors in Latitudes and Departures= |                |                         | 0.38       |            | 0.195       |            |

General Description, T. 23 S., R. 9 W.

The land within the boundaries of this fractional township, in general consists of low rolling hills and benches, which have a general northwesterly and southeasterly exposure and drainage to the old channel of Beaver River. This channel enters the township on the west boundary of section 31, and drains in a northeasterly direction, leaving it on the N. bdy. of section 1. A small portion of the northwest part of the township is broken by high ridges and spurs, deep gulches and ledges. The extreme southeast portion is broken by a high ridge, which bears in a northeasterly and southwesterly direction. The remainder of the fractional township, consists of low rolling hills and large clay flats.

The soil along the bottom of the Beaver River channel, consists of a deep, heavy, dark clay, which may be classified as 3rd rate, while that in the remainder of the township, consists of a deep, sand, clay and rock, which may be classified as 3rd rate.



## General Description, T. 23 S., R. 9 W.

The only timber in the township is a scattered growth of scrub juniper in the northwest and southeast portions, which has no commercial value.

A scattered undergrowth of shadscale, greasewood, sagebrush and yellow top, and native grass, was found throughout the township which affords fair grazing for stock during the winter months.

No settlers were living in the township at the time of the survey, and no portion of the township is suitable for farming without irrigation and no water is available for this purpose.

The only water in the township is a small spring branch which heads in the northwest quarter of section 33, and flows in a northerly direction through the northwest quarter of section 33, and the southwest quarter of section 28.

The main line of the Los Angeles and Salt Lake Railroad, bears in a northeasterly and southwesterly direction through the township, from the north boundary of section 2 to the west boundary of section 31.

A large gravel pit, which is reached by a branch line from the main line of the railroad, is located in the northeast quarter of section 22. This branch line, departs from the main line at two different points, one in the southwest quarter of the southwest quarter of section 15, and the other in the northeast quarter of the northeast quarter of section 21.

A one-room frame house at the railroad station called "Gravel Pit", is located in the northeast quarter of the northeast quarter of section 21.

Unimproved wagon roads are found throughout the township, which are used mostly by the stockmen to reach different points of the surrounding country.

The township in general, is used for a winter grazing ranch for sheep.

General Description, T. 23 S., R. 9 W.

No indications of coal, oil, or mineral was found on the township.

The magnetic declination was found to be, 16°30' E.

E. B.

BOOK A-483

4-880

## FIELD ASSISTANTS.

## NAMES.

## CAPACITY.

Sherman Christensen

1st Chainman.

Edward Eliason

1st Chainman.

Glen Loader

2nd Chainman.

Golden Billings

2nd Chainman.

Jess Freeman

Cornerman.

J.A. Anderson

Flagman.

Orson Lee

Flagman.

**CERTIFICATE OF UNITED STATES SURVEYOR  
CADASTRAL ENGINEER AND SURVEYOR.**

We, Ralph Gentry, U.S. Cadastral Engineer, and

~~E~~ Elliot Bird, U.S. Surveyor, hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 28th day of July, 19 23 ~~24~~ We have well, faithfully, and true

in ~~my~~ <sup>our</sup> own proper person<sup>s</sup>, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of resurvey of

portions of the north, south and west boundaries and subdivision;

survey of portions of the north and west boundaries and subdivision

of, T. 23 S., R. 9 W.

of the Salt Lake Base

And Utah Meridian, in the State of Utah, which are represented in

and date diagram on dates shown on said diagram the foregoing field notes as having been executed by ~~me~~ <sup>us</sup> and under ~~my~~ <sup>our</sup> direction; and that all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.

April 6, 1926.

*Elliot Bird*  
U. S. Surveyor  
*Ralph Gentry*  
U.S. Cadastral Engineer.

APPROVAL.

Supervisor of Survey  
OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~

Denver, Colorado, MAY 28 1928, 19

The foregoing field notes <sup>re</sup> of the survey of portions of the north, south, and

west boundaries and subdivision; and survey of portions of the north

and west boundaries and subdivision of Township No. 23 S. Range No.

9 W. of the Salt Lake Base and Meridian, Utah,

executed by Ralph Gentry U.S. Cadastral Engineer and Elliot Bird, U.S. Surveyor

under ~~his~~ special instructions dated July 28, 19 23 having b

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Samuel H. Simon*  
Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in

has been correctly copied from the original notes on file in this office.

U. S. Surveyor Gen